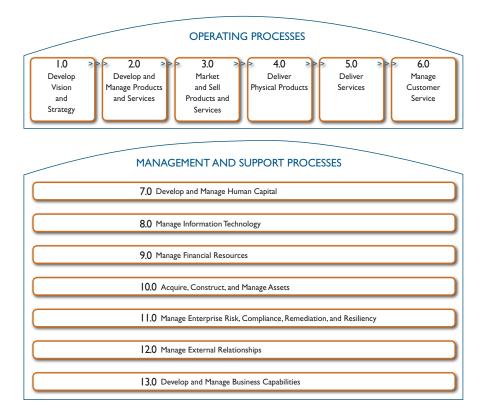
# CROSS INDUSTRY PROCESS CLASSIFICATION FRAMEWORK®

Version 7.2.1

### **OVERVIEW**

Cross Industry Process Classification Framework® (PCF) is a taxonomy of crossfunctional business processes intended to allow the objective comparison of organizational performance within and among organizations. The PCF was developed by APQC and its member companies as an open standard to facilitate improvement through process management and benchmarking, regardless of industry, size, or location. The PCF organizes operating and management processes into 13 enterprise-level categories, including process groups and more than 1,000 processes and associated activities. The PCF. its associated measures, and definitions are available for download at no charge at www. apqc.org/pcf.



### THE FRAMEWORK FOR PROCESS IMPROVEMENT

Experience shows that the potential of benchmarking to drive dramatic improvement lies squarely in making out-of-the-box comparisons and searching for insights not typically found within intra-industry paradigms. To enable this beneficial benchmarking, the APQC Process Classification Framework (PCF)® serves as a high-level, industry-neutral enterprise process model that allows organizations to see their business processes from a cross-industry viewpoint. The cross-industry framework has experienced more than 20 years of creative use by thousands of organizations worldwide. The PCF provides the foundation for APQC's Open Standards Benchmarking® (OSB) database and the work of its advisory council of global industry leaders. Each version of the PCF will continue to be enhanced as the OSB database further develops definitions, processes, and measures. The PCF and associated measures and benchmarking surveys are available for download from the Open Standards Benchmarking web site at www.apqc.org/osb.

#### **HISTORY**

The cross-industry Process Classification Framework® was originally envisioned as a taxonomy of business processes and a common language through which APQC member organizations could benchmark their processes. The initial design involved APQC and more than 80 organizations with a strong interest in advancing the use of benchmarking in the United States and worldwide. Since its inception in 1992, the PCF has seen updates to most of its content. These updates keep the framework current with the ways that organizations do business around the world. In 2014, APQC worked to enhance the cross-industry PCF and updated a number of industry-specific process classification frameworks.

The PCF is written in United States English language format.



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#### LOOKING FORWARD

The cross-industry and industry Process Classification Frameworks are evolving models, which APQC will continue to enhance and improve regularly. Thus, APQC encourages comments, suggestions, and more importantly, the sharing of insights from having applied the PCF within your organization. Share your suggestions and experiences with the PCF by e-mailing pcf\_feedback@apqc.org.

#### **ABOUT APQC**

An internationally recognized resource for process and performance improvement, APQC helps organizations adapt to rapidly changing environments, build new and better ways to

work, and succeed in a competitive marketplace. With a focus on productivity, knowledge management, benchmarking, and quality improvement initiatives, APQC works with its member organizations to identify best practices; discover effective methods of improvement; broadly disseminate findings; and connect individuals with one another and the knowledge, training, and tools they need to succeed. Founded in 1977, APQC is a member-based non profit serving organizations around the world in all sectors of business, education, and government. APQC is also a proud winner of the 2003, 2004, 2008, 2012, and 2013 North American Most Admired Knowledge Enterprises (MAKE) awards. This award is based on a study by Teleos, a European-based research firm, and the KNOW network.

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This APQC Process Classification Framework® ("PCF") is an open standard developed by APQC, a nonprofit that promotes benchmarking and best practices worldwide. The PCF is intended to facilitate organizational improvement through process management and benchmarking, regardless of industry, size, or geography. To download the full PCF or industry-specific versions of the PCF, as well as associated measures and benchmarking, please visit www.apqc.org/pcf.

### **PCF LEVELS EXPLAINED**

### Level I - Category

1.0 Develop Vision and Strategy (10002)

Represents the highest level of process in the enterprise.

Level 2 - Process Group

1.1 Define the business concept and long-term vision (17040)

Indicates the next level of processes and represents a group of processes.

Level 3 - Process

1.1.5 Conduct organization restructuring opportunities (16792)

A process is the next level of the decomposition after a process group. This can include core elements needed to accomplish the process as well as element related to variants and rework.

Level 4 - Activity

1.1.5.3 Analyze deal options (16795)

Indicates key events performed when executing a process.

Level 5 - Task

1.1.5.3.1 Evaluate acquisition options (16796)

Tasks represent the next level of hierarchical decomposition after activities. Tasks are more fine grained and

### PROCESS ELEMENT NUMBERING SCHEME

The PCF identifies each process element using a unique 5-digit reference number following the name of the process element.[i.e., (10002), (17040), (16795), (16795), (16796) shown in the above graphic]. This number will always refer to the conceptual definition of the process element. The actual process elements and actual definition may change, but conceptually the decomposition will remain consistent considering the entire scope of the PCF. A new 5-digit number will be assigned to a process element if its definition substantially changes.

### 1.0 Develop Vision and Strategy (10002)

1.1	Define	e the busi	ness cond	ept and long-term vision (170	<b>140</b> )			1.2.2.2.1	Identify implications for key operating
	1.1.1	Assess t	he external	environment (10017)					model business elements that require
		1.1.1.1	Identify c	ompetitors (19945)				1.2.2.2.2	change (13289) Identify implications for key
		1.1.1.2	Analyze a	and evaluate competition (10021)	)			1.2.2.2.2	technology aspects (13290)
		1.1.1.3	Identify e	conomic trends (10022)			1.2.2.3	Develon	B2B strategy (16800)
		1.1.1.4	Identify p	olitical and regulatory issues (10	0023)		1.2.2.0	1.2.2.3.1	Develop service as a product
		1.1.1.5	Assess no	ew technology innovations (1002	24)			1.2.2.0.1	strategy (16801)
		1.1.1.6		lemographics (10025)			1.2.2.4	Develop	B2C strategy (16802)
		1.1.1.7	-	ocial and cultural changes (1002	6)		1.2.2.5	•	partner/alliance strategy (16803)
		1.1.1.8		cological concerns (10027)	,		1.2.2.6		merger/demerger/acquisition/exit
		1.1.1.9	-	ntellectual property concerns (16	790)			strategy	
		1.1.1.10		IP acquisition options (16791)	•		1.2.2.7	Develop	innovation strategy (16806)
	1.1.2			determine customer needs and w	vants		1.2.2.8	Develop	sustainability strategy (14189)
		(10018)					1.2.2.9		global support strategy (19950)
		1.1.2.1	Conduct of	qualitative/quantitative research	and		1.2.2.10		shared services strategy (19951)
			assessme	ents (10028)			1.2.2.11	Develop	lean/continuous improvement strategy
		1.1.2.2	Capture o	sustomer needs and wants (1994	6)			(14197)	
		1.1.2.3	Assess cu	ustomer needs and wants (1994)	7)		1.2.2.12	Develop	innovation strategy and framework
	1.1.3	Assess t	he internal	environment (10019)				(19952)	
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		1.1.3.5	Analyze f	inancial health (10033)			1.2.5.1	Evaluate structure	breadth and depth of organizational
		1.1.3.6	Identify c	ore competencies (10034)			1.2.5.2		ob-specific roles mapping and value-
	1.1.4	Establish	strategic v	vision (10020)			1.2.3.2		ialyses (10050)
		1.1.4.1	Define th	e strategic vision (19949)			1.2.5.3		role activity diagrams to assess hand-
		1.1.4.2	Align stak	eholders around strategic vision (	10035)		1.2.0.0		ty (10051)
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		1.2.1.3		cate mission (10046)			1.2.7.1	•	core competency for each business unit
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	1.2.2		es (10038)	s strategic options to acmeve the	<del>,</del>		1.2.7.3		usiness unit strategies in support of
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			1.2.8.2.3	Define single view of the customer for the organization (19966)		1.3.4		n high-level measures (10060)
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		2.1.1.2		lignment of product/service concepts ness strategy (10066)			2.1.4.7		and maintain quality/inspection ts (11747)
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3.1			arkets, customers, and capabilities (10101)				3.2.3.7.1 3.2.3.7.2	Define omni-channel strategy (16590)  Define omni-channel requirements
	3.1.1	3.1.1.1	customer and market intelligence analysis (10106)  Conduct customer and market research (10108)				0.2.0.7.2	(16591)
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		3.1.1.5	Evaluate existing products/services (10112)			3.2.4.4		erformance (16500)
		3.1.1.6	Assess internal and external business			3.2.4.5		lan for improvements (16501)
			environment (10113)		3.2.5		•	communication strategy (16848)
	3.1.2		and prioritize market opportunities (10107)			3.2.5.1	Develop c (16849)	ustomer communication calendar
		3.1.2.1	Quantify market opportunities (10116)			3.2.5.2	, ,	blic relations (PR) strategy (16850)
		3.1.2.2	Determine target segments (10117)			3.2.5.3	-	ect marketing strategy (16851)
			3.1.2.2.1 Identify under-served and saturated market segments (18941)			3.2.5.4		ernal marketing communication
		3.1.2.3	Prioritize opportunities consistent with				strategy (*	
			capabilities and overall business strategy (10118)			3.2.5.5	Identify ne (16853)	ew media for marketing communication
		3.1.2.4	Validate opportunities (10119) 3.1.2.4.1 Test with customers/consumers			3.2.5.6		w media communication strategy
			(10120) 3.1.2.4.2 Confirm internal capabilities (10121)			3.2.5.7	Define po	int of sale (POS) communication
3.2	Devel	on marke	eting strategy (10102)			3.2.5.8	strategy (	mmunication guidelines and
0.2	3.2.1	-	ffering and customer value proposition (11168)			3.2.3.0		ms (18627)
	0.2.1	3.2.1.1	Define offering and positioning (11169)		3.2.6	Design a	and manage	customer loyalty program (18924)
		3.2.1.2	Develop value proposition including brand			3.2.6.1	Define cu	stomer loyalty program (20007)
		3.2.1.3	positioning for target segments (11170)  Validate value proposition with target segments			3.2.6.2	Acquire m (18925)	nembers to customer loyalty program
		3.2.1.4	(11171)			3.2.6.3	Build enga members	agement and relationship with (18926)
	3.2.2		ricing strategy (10123)			3.2.6.4	Monitor c	ustomer loyalty program benefits to
	0.2.2	3.2.2.1	Conduct pricing analysis (13169)					orise and the customer (16633)
		3.2.2.2	Establish guidelines for applying pricing and			3.2.6.5		oyalty program value to both the
			discounting of products/services (10124)				•	and the customer (18927)
		3.2.2.3	Establish pricing targets (19999)	3.3	Deve	lop and n	nanage ma	rketing plans (20008)
		3.2.2.4	Approve pricing strategies/policies and targets (10125)		3.3.1			ectives, and metrics for products/ /segment (10148)
	3.2.3	Define a	nd manage channel strategy (20000)		3.3.2	Establish	n marketing	budgets (10149)
		3.2.3.1	Determine channels to be supported (20001)			3.3.2.1	Confirm m	narketing alignment to business
		3.2.3.2	Establish channel objectives (20002)				strategy (	
		3.2.3.3	Determine channel role and fit with target segments (10127)			3.3.2.2 3.3.2.3		e costs of marketing (10156) arketing budget (10157)
		3.2.3.4	Select channels for target segments (10128)			3.3.2.4		e projected ROI for marketing
		3.2.3.5	Identify required channel capabilities (20003)				investmer	
		3.2.3.6	Evaluate channel attributes and potential		3.3.3		ū	e pricing (20593)
		2227	partners (10126)			3.3.3.1		nd resource requirements for each
		3.2.3.7	Orchestrate seamless customer experience across supported channels (20004)				(20009)	ervice and delivery channel/method

		3.4.1.3	Generate	sales forecast (10136)
		3.4.1.4		istorical and planned promotions and
;	3.4.2	-		er/alliance relationships (10130)
				lliance opportunities (10138)
		3.4.2.2		liance programs and methods for
		0.400	_	and managing relationships (10139)
		3.4.2.4		rade customer trade strategy and objectives/targets (11465)
		3.4.2.5	Define tra	de programs and funding options
		0.400		
		3.4.Z.b		llanning activities for major trade
		3.4.2.7	Develop p	artner and alliance management
			-	
		3.4.2.8		partner and alliance management
		2420		
		3.4.2.9		partner and alliance agreements
		3 // 2 10		romotional and category management
			calendars	(trade marketing calendars) (11522)
		3.4.2.11	Create str customer	ategic and tactical sales plans by (11523)
		3.4.2.12		cate planning information to customer 468)
	3.4.3	Establish		
		3.4.3.1		product market share (17682)
		3.4.3.2	Calculate	product revenue (10143)
		3.4.3.3		e variable costs (10144)
		3.4.3.4	Determine	e overhead and fixed costs (10145)
		3.4.3.5	Calculate	net profit (10146)
		3.4.3.6	Create bu	dget (10147)
;	3.4.4	Establish	sales goals	s and measures (10132)
;	3.4.5	Establish	customer r	management measures (10133)
3.5	Devel	op and m	anage sal	es plans (10105)
	3.5.1	Manage	leads/oppo	rtunities (20594)
		3.5.1.1		otential customers (10188)
		3.5.1.2		eceive leads/opportunities (10189)
		3.5.1.3	Validate a	and qualify leads/opportunities (18115)
		3.5.1.4		portunities to business strategy
		3.5.1.5		pportunity win plans (18116)
		3.5.1.6	•	opportunity pipeline (20011)
		3.5.1.7	-	e sales resource allocation (10209)
		3.5.1.8	Manage o	customer sales calls (10184)
			3.5.1.8.1	Perform sales calls (10190)
			3.5.1.8.2	
			3.5.1.8.3	Manage customer meetings/
				workshops (20012)
			3.5.1.8.4	Close the sale (10192)
			3.5.1.8.5	Record outcome of sales process
;	3.5.2	Manage	customers a	(10193) and accounts (10183)
	3.5	3.4.2 3.4.3 3.4.5 <b>3.5.1</b> 3.5.1	3.4.1.4  3.4.2.1  3.4.2.2  3.4.2.3  3.4.2.4  3.4.2.5  3.4.2.6  3.4.2.7  3.4.2.8  3.4.2.9  3.4.2.10  3.4.2.11  3.4.2.12  3.4.3  3.4.3.1  3.4.3.2  3.4.3.3  3.4.3.4  3.4.3.5  3.4.3.6  3.4.4  Establish  3.4.3.5  3.4.3.6  3.4.3  Sestablish  3.5.1  Manage  3.5.1.1  3.5.1.2  3.5.1.3  3.5.1.4  3.5.1.5  3.5.1.6  3.5.1.7  3.5.1.8	3.4.1.4 Analyze h events (10 3.4.2 Develop sales partnoments (10 3.4.2.1 Identify al (10 3.4.2.2 Design all selecting (11521) 3.4.2.3 Select alli (11521) 3.4.2.5 Define trace (11521) 3.4.2.6 Conduct procustomers (11521) 3.4.2.7 Develop procustomers (1252) 3.4.2.8 Establish goals (100 3.4.2.9 Establish (18629) 3.4.2.10 Develop procustomer (18629) 3.4.2.11 Create stroustomer (18629) 3.4.2.12 Community teams (11 3.4.3 Establish overall sal (18629) 3.4.3.1 Calculate (18629) 3.4.3.2 Calculate (18629) 3.4.3.3 Determine (18629) 3.4.3.4 Establish customer (18629) 3.4.3.5 Calculate (18629) 3.4.3.6 Create bu (18629) 3.4.3.7 Calculate (18629) 3.4.3.8 Determine (18629) 3.5.1.1 Identify procusion (18629) 3.5.1.2 Identify/re (18629) 3.5.1.3 Validate (18629) 3.5.1.4 Match op (18629) 3.5.1.5 Develop (18629) 3.5.1.6 Manage (18629) 3.5.1.8 Manage (18629)

	3.5.2.1	Select key customers/accounts (20013)			3.5.4.2.2	Retrieve full customer details (10202)
	3.5.2.2	Develop sales/key account plan (11173)			3.5.4.2.3	Modify involved party details (10203)
	3.5.2.3	Manage sales/key account plan (20014)			3.5.4.2.4	Record address details (10204)
	3.5.2.4	Manage customer relationships (11174)			3.5.4.2.5	Record contact details (10205)
	3.5.2.5	Manage customer master data (14208)			3.5.4.2.6	Record key customer communication
		3.5.2.5.1 Collect and merge internal and third-				profile details (10206)
		party customer information (16598)			3.5.4.2.7	Review involved party information
3.5.3	Davalan	3.5.2.5.2 De-duplicate customer data (16599) and manage sales proposals, bids, and quotes				(10207)
3.5.3	(11779)	and manage sales proposals, blds, and quotes			3.5.4.2.8	Terminate involved party information
	3.5.3.1	Receive Request For Proposal (RFP)/Request For				(10208)
		Quote (RFQ) (11781)		3.5.4.3		e availability (10196)
	3.5.3.2	Refine customer requirements (11780)		3.5.4.4	Determine	e fulfillment process (10197)
	3.5.3.3	Review RFP/RFQ request (11782)		3.5.4.5	Enter orde	ers into system (10198)
	3.5.3.4	Perform competitive analysis (11783)		3.5.4.6	Identify/pe	erform cross-sell/up-sell activity (17404)
	3.5.3.5	Validate with strategy/business plans (11784)		3.5.4.7	Process b	ack orders and updates (10199)
	3.5.3.6	Understand customer business and equirements (11785)		3.5.4.8		lles order inquiries including post- Illment transactions (10200)
	3.5.3.7	Develop solution and delivery approach (20015)	3.5.5	Managa		ers and alliances (10187)
	3.5.3.8	Identify staffing requirements (11787)	3.3.3	•	•	
	3.5.3.9	Develop pricing and scheduling estimates (11788)		3.5.5.1		ales and product/service training to eners/alliances (10211)
	3.5.3.10	Conduct profitability analysis (11789)			•	Provide certification enablement
	3.5.3.11	Manage internal reviews (20016)			3.5.5.1.1	training (20019)
	3.5.3.12	Manage internal approvals (20017)			25512	-
	3.5.3.13	Submit/present bid/proposal/quote to customer (11790)			3.5.5.1.2	Manage certifications and skills (20020)
	3.5.3.14	Revise bid/proposal/quote (20018)			3.5.5.1.3	Provide support to partners/alliances
	3.5.3.15	Manage notification outcome (11793)				(20021)
3.5.4	Manage	sales orders (10185)		3.5.5.2		arketing materials to sales partners/
	3.5.4.1	Accept and validate sales orders (10194)			alliances	
	3.5.4.2	Collect and maintain account information (10195)		3.5.5.3	Evaluate p	partner/alliance results (10214)
		3.5.4.2.1 Administer key account details (10201)		3.5.5.4	Manage s (14209)	sales partner/alliance master data

### 4.0 Deliver Physical Products (20022)

4.1	Plan f	or and al	lign supply chain resources (10215)			4.1.5.8	Manage dispatch plan attainment (10259)
	4.1.1	Develop	production and materials strategies (10221)			4.1.5.9	Calculate and optimize destination load plans
		4.1.1.1	Define manufacturing goals (10229)				(10260)
		4.1.1.2	Define labor and materials policies (10230)			4.1.5.10	Manage partner load plan (10261)
		4.1.1.3	Define outsourcing policies (10231)			4.1.5.11	Manage cost of supply (10262)
		4.1.1.4	Define capital expense policies (10232)			4.1.5.12	Manage capacity utilization (10263)
		4.1.1.5	Define capacities (10233)		4.1.6		distribution planning constraints (10226)
		4.1.1.6	Define production network and supply constraints (10234)			4.1.6.1	Establish distribution center layout constraints (10267)
		4.1.1.7	Define production process (14193)			4.1.6.2	Establish inventory management constraints
		4.1.1.8	Define standard operating procedures (19551)			4160	(10268)
		4.1.1.9	Define production workplace layout and infrastructure (14194)			4.1.6.3	Establish transportation management constraints (10269)
	4.1.2	Manage	demand for products (10222)			4.1.6.4	Establish storage management constraints (19558)
		4.1.2.1	Develop baseline demand forecasts (10235)		4.1.7		distribution planning policies (10227)
		4.1.2.2	Collaborate demand with customers (10236)			4.1.7.1	Review distribution network (10264)
		4.1.2.3	Develop demand consensus forecast (10237)			4.1.7.2	Establish sourcing relationships (10265)
		4.1.2.4	Determine available to promise (10238)			4.1.7.3	Establish dynamic deployment policies (10266)
		4.1.2.5	Monitor activity against demand forecast and		4.1.8	•	quality standards and procedures (10368)
		7.1.2.0	revise forecast (10239)			4.1.8.1	Establish quality targets (10371)
		4.1.2.6	Evaluate and revise demand forecasting approach			4.1.8.2	Develop standard testing procedures (10372)
			(10240)			4.1.8.3	Communicate quality specifications (10373)
		4.1.2.7	Measure demand forecast accuracy (10241)	4.2	Procu	ıre mater	ials and services(10216)
	4.1.3	Create m	naterials plan (10223)		4.2.1		sourcing governance and perform category
		4.1.3.1	Create unconstrained plan (10242)				ment (10277)
		4.1.3.2	Collaborate with supplier and contract			4.2.1.1	Develop procurement plan (10281)
			manufacturers (10243)			4.2.1.2	Clarify purchasing requirements (10282)
		4.1.3.3	Identify critical materials and supplier capacity (10244)			4.2.1.3	Establish materials management contingency plans (10283)
		4.1.3.4	Monitor material specifications (10245)			4.2.1.4	Match needs to supply capabilities (10284)
		4.1.3.5	Generate constrained plan (10246)			4.2.1.5	Analyze organization's spend profile (10285)
		4.1.3.6	Define production balance and control (14196)			4.2.1.6	Seek opportunities to improve efficiency and
	4.1.4	Create a	nd manage master production schedule (10224)			4047	value (10286)
		4.1.4.1	Model production network to enable simulation and optimization (20023)			4.2.1.7	Collaborate with suppliers to identify sourcing opportunities (10287)
		4.1.4.2	Create master production schedule (20024)		4.2.2		sourcing and category management strategies
		4.1.4.3	Maintain master production schedule (17041)		400	(20973)	undiana and develop (maintain contracts (10270)
	4.1.5	Plan dist	ribution requirements (17042)		4.2.3		uppliers and develop/maintain contracts (10278)
		4.1.5.1	Maintain master data (10252)			4.2.3.1	Select suppliers (10288)
		4.1.5.2	Determine finished goods inventory requirements at destination (10253)			4.2.3.2 4.2.3.3	Certify and validate suppliers (10289)  Negotiate and establish contracts (10290)
		4.1.5.3	Determine product storage facility requirements			4.2.3.4	Manage contracts (10291)
		4.1.5.5	(19555)		4.2.4	Order ma	aterials and services (10279)
		4.1.5.4	Calculate requirements at destination (10254)			4.2.4.1	Process/Review requisitions (10292)
		4.1.5.5	Calculate consolidation at source (10255)			4.2.4.2	Approve requisitions (10293)
		4.1.5.6	Manage collaborative replenishment planning			4.2.4.3	Solicit/Track vendor quotes (10294)
			(10256)			4.2.4.4	Create/Distribute purchase orders (10295)
		4.1.5.7	Calculate and optimize destination dispatch			4.2.4.5	Expedite orders and satisfy inquiries (10296)
			plan (10258)			4.2.4.6	Reconcile purchase orders (10297)

		4.2.4.7	Research/Re	esolve order exceptions (10298)			4.3.4.1	Determine lot numbering system (10376)
	4.2.5	Manage	suppliers (102	280)			4.3.4.2	Determine lot use (10377)
		4.2.5.1	Monitor/Ma	nnage supplier information (10299)	4.4	Mana	ge logist	tics and warehousing (10219)
		4.2.5.2	Prepare/Ana performance	alyze procurement and vendor a (10300)		4.4.1	Provide I	logistics governance (10338)
		4.2.5.3	•	entory and production processes			4.4.1.1	Translate customer service requirements into logistics requirements (10343)
		4.2.5.4		ality of product delivered (10302)			4.4.1.2	Design logistics network (10344)
4.3	Drodu						4.4.1.3	Communicate outsourcing needs (10345)
4.3	4.3.1	-	Assemble/Test product (10217) edule production (10303)				4.4.1.4	Develop and maintain delivery service policy (10346)
	1.0.1	4.3.1.1		simulate plant (19563)			4.4.1.5	Optimize transportation schedules and costs
		4.3.1.2		ne level plan (10306)			7.7.1.0	(10347)
		4.3.1.3		etailed schedule (10307)			4.4.1.6	Define key performance measures (10348)
		4.3.1.4		oduction orders and create lots			4.4.1.7	Define reverse logistics strategy (16905)
			(10308)			4.4.2	Plan and	manage inbound material flow (20936)
		4.3.1.5		eventive (planned) maintenance			4.4.2.1	Plan inbound material receipts (10349)
			••	maintenance orders) (10315)			4.4.2.2	Manage inbound material flow (10350)
		4.3.1.6		quested (unplanned) maintenance cycle) (10316)			4.4.2.3	Monitor inbound delivery performance (10351)
		4.3.1.7		duction orders and create lots (10309)			4.4.2.4	Manage flow of returned products (10352)
	4.3.2		'Assemble pro				4.4.2.5	Control quality of returned parts (12708)
		4.3.2.1	· ·	v material inventory (10310)			4.4.2.6	Salvage or repair returned products (20109)
		4.3.2.2 4.3.2.3		ailed line schedule (10311) Itenance issues (10319)				<ul><li>4.4.2.6.1 Perform salvage activities (10366)</li><li>4.4.2.6.2 Manage repair/refurbishment and</li></ul>
		4.3.2.4		tive items (10313)				return to customer/stock (14195)
		4.3.2.5		optimize production process (19566)		4.4.3		warehousing (10340)
				Automate and control plant (19567)			4.4.3.1	Track inventory deployment (10353)
				Perform advanced process control 19568)			4.4.3.2	Receive, inspect, and store inbound deliveries (10354)
				Perform real-time optimization (19569)			4.4.3.3	Track product availability (10355)
				Manage plant alarms and alerts			4.4.3.4	Pick, pack, and ship product for delivery (10356)
		4000	'	19570)			4.4.3.5	Track inventory accuracy (10357)
	4.3.3	4.3.2.6 Perform	Assess prod quality testing	luction performance (10314) J (10369)			4.4.3.6	Track third-party logistics storage and shipping performance (10358)
		4.3.3.1	Calibrate te	st equipment (10318)			4.4.3.7	Manage physical finished goods inventory
		4.3.3.2	Perform test procedure (1	ting using the standard testing 10374)			4.4.3.8	(10359) Manage warehouse transfers (20957)
		4.3.3.3	•	ality samples (20956)		4.4.4		outbound transportation (10341)
		4.3.3.4		results (10375)			4.4.4.1	Plan, transport, and deliver outbound product
		4.3.3.5		nalyze non-conformance trends				(10360)
			(12045)				4.4.4.2	Track carrier delivery performance (10361)
		4.3.3.6		t cause analysis (12046)			4.4.4.3	Manage transportation fleet (10362)
	4.3.4	Maintain (10370)	n production re	ecords and manage lot traceability			4.4.4.4	Process and audit carrier invoices and documents (10363)

### 5.0 Deliver Service (20025)

5.1	Estab (2002		ice delivery governance and strategies			5.2.2.6	Monitor and manage resource capacity and availability (20056)
	5.1.1	Establish	n service delivery governance (20027)		5.2.3	Enable s	ervice delivery resources (12127)
		5.1.1.1	Set up and maintain service delivery			5.2.3.1	Develop service delivery training plan (12128)
			governance and management system (20028)			5.2.3.2	Develop training materials (12129)
		5.1.1.2	Manage service delivery performance (20029)			5.2.3.3	Manage training schedule (12131)
		5.1.1.3	Manage service delivery development and			5.2.3.4	Deliver operations training (12132)
			direction (20030)			5.2.3.5	Deliver technical training (12133)
		5.1.1.4	Solicit feedback from customer on service			5.2.3.6	Perform skill and capability testing (20057)
			delivery satisfaction (20031)			5.2.3.7	Evaluate training effectiveness (12135)
	5.1.2	-	service delivery strategies (20032)	5.3	Deliv	er servic	e to customer (20058)
		5.1.2.1	Define service delivery goals (20033)		5.3.1	Initiate s	service delivery (20059)
		5.1.2.2	Define labor policies (20034)			5.3.1.1	Review contract and agreed terms (20060)
		5.1.2.3	Evaluate resource availability (20035)			5.3.1.2	Understand customer requirements and define
		5.1.2.4	Define service delivery network and supply				refine approach (20061)
			constraints (20036)			5.3.1.3	Modify/revise and approve project plan (20062)
		5.1.2.5	Define service delivery process (20037)			5.3.1.4	Review customer business objectives (20063)
		5.1.2.6	Review and validate service delivery procedures			5.3.1.5	Confirm environmental readiness (20064)
			(20038)			5.3.1.6	Identify, select, and assign resources (20065)
		5.1.2.7	Define service delivery workplace layout and infrastructure (20039)				5.3.1.6.1 Establish people objectives (20066)
F 2	B/I		, ,				5.3.1.6.2 Establish engagement rules (20067)
5.2		_	ce delivery resources (20040)			5.3.1.7	Plan for service delivery (20068)
	5.2.1	_	service delivery resource demand (20041)		5.3.2	Execute	service delivery (20069)
		5.2.1.1	Monitor pipeline (20042)			5.3.2.1	Analyze environment and customer needs
		5.2.1.2	Develop baseline forecasts (20043)				(20070)
		5.2.1.3	Collaborate with customers (20044)			5.3.2.2	Define solution (20071)
		5.2.1.4	Develop consensus forecast (20045)			5.3.2.3	Validate solution (20072)
		5.2.1.5	Determine availability of skills to deliver on			5.3.2.4	Identify changes (20073)
			current and forecast customer orders (20046)			5.3.2.5	Obtain approval to proceed (20074)
		5.2.1.6	Monitor activity against forecast and revise			5.3.2.6	Make build/buy solution (20075)
			forecast (20047)			5.3.2.7	Deploy solution (20076)
		5.2.1.7	Evaluate and revise forecasting approach (20048)		5.3.3		e service delivery (20077)
		5.2.1.8	Measure forecast accuracy (20049)			5.3.3.1	Conduct service delivery/project review and
	5.2.2		nd manage resource plan (20050)			F 0 0 0	evaluate success (20078)
		5.2.2.1	Define and manage skills taxonomy (20051)			5.3.3.2	Complete/finalize financial management activities (20079)
		5.2.2.2	Create resource plan (20052)			5.3.3.3	Confirm delivery according to contract terms
		5.2.2.3	Match resource demand with capacity, skills, and capabilities (20053)				(20080)
		5.2.2.4	Collaborate with suppliers and partners to			5.3.3.4	Release resources (20081)
			supplement skills and capabilities (20054)			5.3.3.5	Manage service delivery completion (20082)
		5.2.2.5	Identify critical resources and supplier capacity			5.3.3.6	Harvest knowledge (20083)
			(20055)			5.3.3.7	Archive records and update systems (20084)

### 6.0 Manage Customer Service (20085)

6.1	Deve	op custoi	mer care/customer service strategy (10378)		6.2.4		eturns (20094)				
	6.1.1		ustomer service requirements across the			6.2.4.1	Authorize return (10364)				
		-	e (20086)			6.2.4.2	Process return and record reason (20095)				
	6.1.2		ustomer service experience (20087)		6.2.5	Report in	cidents and risks to regulatory bodies (12840)				
	6.1.3	Define ar (20088)	nd manage customer service channel strategy	6.3		•	products after sales (12658)				
	6.1.4		stomer service policies and procedures (10382)		6.3.1		products (20605)				
	6.1.5		target service level for each customer segment		6.3.2		Process warranty claims (12669)				
		(10383)				6.3.2.1	Receive warranty claim (20096)				
	6.1.6	Define w	arranty offering (20089)			6.3.2.2	Validate warranty claim (12671)				
		6.1.6.1	Determine and document warranty policies			6.3.2.3	Investigate warranty issues (20097)				
			(16893)				6.3.2.3.1 Define issue (20098)				
		6.1.6.2	Create and manage warranty rules/claim codes for products (16890)				6.3.2.3.2 Schedule field service (12677) 6.3.2.3.3 Request and receive defective				
		6.1.6.3	Agree warranty responsibilities with suppliers				part (12678)				
		0.1.0.0	(20090)				6.3.2.3.4 Investigate issue/perform root				
		6.1.6.4	Define warranty related offerings for customers				cause analysis (20099) 6.3.2.3.5 Receive investigation				
		6.1.6.5	(20091) Communicate warranty policies and offerings				result/recommendation for corrective				
			(12673)			0001	action (20100)				
	6.1.7	Develop	recall strategy (20092)			6.3.2.4	Determine responsible party (20101)				
6.2	Plan	and mana	ge customer service contacts (10379)				Manage pre-authorizations (20102)				
	6.2.1	Plan and	manage customer service work force (10387)			6.3.2.6 6.3.2.7	Approve or reject warranty claim (12668)  Notify originator of approve/reject decision				
		6.2.1.1	Forecast volume of customer service contacts			0.5.2.7	(20103)				
		0.04.0	(10390)			6.3.2.8	Authorize payment (20104)				
		6.2.1.2	Schedule customer service work force (10391)			6.3.2.9	Close claim (20105)				
		6.2.1.3 6.2.1.4	Track work force utilization (10392)  Monitor and evaluate quality of customer			6.3.2.10	Reconcile warranty transaction disposition (12667)				
		0.2.1.1	interactions with customer service		6.3.3	Manage s	supplier recovery (20106)				
			representatives (10393)			6.3.3.1	Create supplier recovery claims (20107)				
	6.2.2	Manage inquiries	customer service problems, requests, and			6.3.3.2	Negotiate recoveries with suppliers (20108)				
		6.2.2.1	Receive customer problems, requests, and		6.3.4	Service p	roducts (10218)				
		0.2.2.1	inquiries (10394)			6.3.4.1	Confirm specific service requirements for				
		6.2.2.2	Analyze problems, requests, and inquiries (13482)				individual customer (10320)				
		6.2.2.3	Resolve customer problems, requests, and				6.3.4.1.1 Process customer request (10324) 6.3.4.1.2 Create customer profile (10325)				
		0004	inquiries (10395)				6.3.4.1.3 Generate service order (10326)				
		6.2.2.4	Respond to customer problems, requests, and inquiries (10396)			6.3.4.2	Identify and schedule resources to meet service				
		6.2.2.5	Identify and capture upsell/cross-sell				requirements (10321)				
			opportunities (16928)				6.3.4.2.1 Create resourcing plan and schedule (10327)				
	C 2 2	6.2.2.6	Deliver opportunity to sales team (16937)				6.3.4.2.2 Create service order fulfillment				
	6.2.3	6.2.3.1	customer complaints (10389)  Receive customer complaints (10397)				schedule (10328)				
		6.2.3.1	Route customer customer complaints (10398)			6.3.4.3	Provide service to specific customers (10322)				
		6.2.3.3	Resolve customer complaints (10399)				6.3.4.3.1 Organize daily service order fulfillment schedule (10330)				
		6.2.3.4	Respond to customer customer complaints				6.3.4.3.2 Execute product repair (10331)				
		0.2.0.4	(10400)				6.3.4.3.3 Manage service order fulfillment				
		6.2.3.5	Analyze customer complaints and response/redressal (19072)				(10332)				

		6.3.4.4	Ensure qu	uality of service (10323)		6.5.2.1	Solicit customer feedback on complaint
			6.3.4.4.1	Identify completed service orders for			handling and resolution (11236)
				feedback (10334)		6.5.2.2	Analyze customer complaint data and identify
			6.3.4.4.2	, 1			improvement opportunities (11237)
			62442	and service failures (10335) Solicit customer feedback on		6.5.2.3	Identify common customer complaints (11689)
			0.3.4.4.3	services delivered (10336)	6.5.3	Measure	customer satisfaction with products and services
			6.3.4.4.4	Process customer feedback on		(10403)	·
				services delivered (10337)		6.5.3.1	Gather and solicit post-sale customer feedback
6.4	Mana	ge produ	ct recalls	and regulatory audits (20110)			on products and services (11238)
	6.4.1	Initiate re	ecall (20111			6.5.3.2	Solicit post-sale customer feedback on ad
	6.4.2			and consequences of occurrence of			effectiveness (11239)
	0.40	•	rds (20112)			6.5.3.3	Solicit customer feedback on cross-channel
	6.4.3	· ·		ed communications (20113)			experience (20117)
	6.4.4 6.4.5		0 ,	eports (20114) ecall effectiveness (20115)		6.5.3.4	Analyze product and service satisfaction data
	6.4.6			nation (20116)			and identify improvement opportunities (11240)
6.5		Ü		ce operations and customer		6.5.3.5	Provide feedback and insights to appropriate
0.5		facion (20		ce operations and customer			teams (product design/development, marketing,
	6.5.1			satisfaction with customer problems,			manufacturing) (11241)
	0.0.1			ies handling (10401)	6.5.4	Evaluate	and manage warranty performance (12672)
		6.5.1.1	•	stomer feedback on customer service		6.5.4.1	Measure customer satisfaction with warranty handling and resolution (20118)
		6.5.1.2	Analyze c	sustomer service data and identify ment opportunities (11688)		6.5.4.2	Monitor and report on warranty management metrics (12676)
		6.5.1.3		ustomer feedback to product		6.5.4.3	Identify improvement opportunities (20119)
		0.0.1.0		ent on customer service experience		6.5.4.4	Identify opportunities to eliminate warranty waste (12674)
	6.5.2	Measure		satisfaction with customer- complaint		6.5.4.5	Investigate fraudulent claims (20120)
		handling	and resolut	tion (10402)	6.5.5	Evaluate	recall performance (20121)

### 7.0 Develop and Manage Human Capital (10007)

7.1		lop and natrategies	nanage human resources planning, policies,		7.2.2	7.2.1.7 Manage requisition dates (10452) Recruit/Source candidates (10440)			
	7.1.1	_			1.2.2	-	7.2.2.1 Determine recruitment methods and		
	7.1.1	7.1.1.1	human resources strategy (20958) Identify strategic HR needs (10418)			1.2.2.1	(10453)	e recruitment methous and channels	
		7.1.1.2	Define HR and business function roles and			7.2.2.2	Perform re	ecruiting activities/events (10454)	
		7.1.1.2	accountability (10419)			7.2.2.3	Manage r	recruitment vendors (10455)	
		7.1.1.3	Determine HR costs (10420)			7.2.2.4	Manage employee referral programs (17047)		
		7.1.1.4	Establish HR measures (10421)			7.2.2.5	Manage recruitment channels (17048)		
		7.1.1.5	Communicate HR strategies (10422)		7.2.3	Screen a	Screen and select candidates (20123)		
		7.1.1.6	<b>3</b>			7.2.3.1	, ,		
		7.1.1.7	Manage employer branding (20606)			7.2.3.2	Interview	candidates (10457)	
	7.1.2	Develop	and implement workforce strategy and policies			7.2.3.3	<ul><li>7.2.3.3 Test candidates (10458)</li><li>7.2.3.4 Select and reject candidates (10459)</li></ul>		
		(17045)	, , ,			7.2.3.4			
		7.1.2.1	Gather skill requirements according to corporate		7.2.4	Manage	new hire/re	e-hire (10443)	
			strategy and market environment (10423)			7.2.4.1	Draw up and make offer (10463)		
		7.1.2.2	Plan employee resourcing requirements per			7.2.4.2	Negotiate	e offer (10464)	
			business unit/organization (10424)			7.2.4.3	Hire cand	lidate (10465)	
		7.1.2.3	Develop compensation plan (10425)		7.2.5	Manage	e applicant information (10444)		
			7.1.2.3.1 Establish incentive plan (10210)			7.2.5.1	Obtain candidate background information (104		
		7.1.2.4	Develop succession plan (10426)			7.2.5.2	Create ap	pplicant record (10466)	
		7.1.2.5	Develop high performers/leadership programs (16938)			7.2.5.3	Manage/17.2.5.3.1	track applicant data (10467)  Complete position classification and	
		7.1.2.6	Develop employee diversity plan (10427)				7.2.0.0.1	level of experience (20124)	
		7.1.2.7	Develop training program (11622)			7.2.5.4	Archive a	nd retain records of non-hires (10468)	
		7.1.2.8	Develop recruitment program (11623)	7.3	Mana			parding, development, and training	
		7.1.2.9	Develop other HR programs (10428)	7.0	(2059	-	byee on bo	raiding, development, and training	
		7.1.2.10	Develop HR policies (10429)		7.3.1		omnlovoo o	prientation and deployment (10469)	
		7.1.2.11	Administer HR policies (10430)			7.3.1.1	. ,	aintain employee on-boarding program	
		7.1.2.12	Plan employee benefits (10431)			7.3.1.1	(10474)	annani employee on-boarding program	
		7.1.2.13	Develop workforce strategy models (10433)				7.3.1.1.1	Develop employee induction program	
		7.1.2.14	Implement workforce strategy models (20122)				7.0.1.1.1	(10477)	
	7.1.3	Monitor 7.1.3.1	and update strategy, plans, and policies (10417)  Measure realization of objectives (10434)				7.3.1.1.2	Maintain/Update employee induction program (10478)	
		7.1.3.1	Measure contribution to business strategy (10435)			7.3.1.2	Evaluate :	the effectiveness of the employee	
		7.1.3.3	Communicate plans and provide updates to				on-boardi	ng program (11243)	
			stakeholders (10436)		700	7.3.1.3		on-boarding program (17050)	
		7.1.3.4	Review and revise HR plans (10438)		7.3.2	-		performance (10470)	
	7.1.4	Develop	competency management models (17046)			7.3.2.1		nployee performance objectives (10479)	
7.2			e, and select employees (10410) employee requisitions (10439)			7.3.2.2		appraise, and manage employee nce (10480)	
	7.2.1	7.2.1.1	Align staffing plan to work force plan and			7.3.2.3	Evaluate ( (10481)	and review performance program	
			business unit strategies/resource needs (10445)		7.3.3	Manage	employee o	development (10472)	
		7.2.1.2	Develop and maintain job descriptions (10447)			7.3.3.1	Define em	nployee development guidelines (10487)	
		7.2.1.3	Open job requisitions (10446)			7.3.3.2	Develop e	employee career plans and career	
		7.2.1.4	Post job requisitions (10448)				paths (10	488)	
		7.2.1.5	Modify job requisitions (10450)			7.3.3.3		employee skill and competency	
		7.2.1.6	Notify hiring manager (10451)				developm	ent (17051)	

	7.3.4	Develop	and train er	nployees (10473)			7.5.2.2	Administer benefit enrollment (10505)	
		7.3.4.1		loyee with organization development			7.5.2.3	Process claims (10506)	
			needs (10				7.5.2.4	Perform benefit reconciliation (10507)	
		7.3.4.2		ployee competencies (16940)		7.5.3	Manage	employee assistance and retention (10496)	
		7.3.4.3	Align lear (10491)	ning programs with competencies			7.5.3.1	Deliver programs to support work/life balance for employees (10508)	
		7.3.4.4		training needs by analysis of required able skills (10492)			7.5.3.2 7.5.3.3	, , , , , , , , , , , , , , , , , , , ,	Develop family support systems (10509) Review retention and motivation indicators
		7.3.4.5		conduct, and manage employee and/ ement training programs (10493)			7.5.3.4	(10510) Review compensation plan (10511)	
		7.3.4.6	Manage e	examinations and certifications (20125)		7.5.4		ter payroll (10497)	
			7.3.4.6.1	Liaise with external certification	7.6			retire employees (10413)	
			70400	authorities (20126)		7.6.1	-	promotion and demotion process (10512)	
			7.3.4.6.2	Administer certification tests (20127)		7.6.2	•	separation (10513)	
			7.3.4.6.3	Appraise experience qualifications (20128)		7.6.3	•	retirement (10514)	
			7.3.4.6.4	Administer certificate issue and		7.6.4	-	leave of absence (10515)	
		maintenance (20129) nage employee relations (17052)			7.6.5	•	and implement employee outplacement (10516)		
7.4	Mana				7.6.6	•	workforce scheduling (20132)		
	7.4.1	•	labor relatio			7.0.0	7.6.6.1	Receive required resources/skills and	
	7.4.2	Manage	collective b	argaining process (10484)				capabilities (20133)	
	7.4.3	Manage	labor mana	gement partnerships (10485)			7.6.6.2	Manage resource deployment (10517)	
	7.4.4	Manage	employee g	rievances (10531)		7.6.7		employees and manage assignments (17055)	
7.5	Rewa	rd and re	tain emplo	oyees (10412)			7.6.7.1	Manage expatriates (10520)	
	7.5.1		•	e reward, recognition, and motivation	7.7	Mana	ige emplo	oyee information and analytics (17056)	
	7.0.1	programs	-	reward, recognition, and menvation		7.7.1	Manage	reporting processes (10522)	
		7.5.1.1	Develop s	alary/compensation structure and		7.7.2	Manage	employee inquiry process (10523)	
			plan (1049	98)		7.7.3	Manage	and maintain employee data (10524)	
		7.5.1.2	Develop b	enefits and reward plan (10499)		7.7.4	Manage	human resource information systems HRIS (10525)	
		7.5.1.3	Perform corewards (*	ompetitive analysis of benefit and		7.7.5	-	and manage employee metrics (10526)	
		7.5.1.4		ompensation requirements based on		7.7.6	•	and manage time and attendance systems (10527)	
		7.5.1.4		benefits, and HR policies (10501)		7.7.7	_	/Collect employee suggestions and perform e research (10530)	
		7.5.1.5	Administe employees	r compensation and rewards to s (10502)	7.8	Mana		oyee communication (17057)	
		7.5.1.6		nd motivate employees (10503)		7.8.1 Develop employee communication plan (10529)			
	7.5.2			ster benefits (10495)		7.8.2	7.8.2 Conduct employee engagement surveys (16944)		
		7.5.2.1 Deliver employee benefits program (10504)		nployee benefits program (10504)	7.9	Deliver employee communications (10532)			

### 8.0 Manage Information Technology (IT) (10008)

8.1	Mana	ge the bu	siness of information technology (10563)		8.2.1.1	Build and maintain IT strategic intelligence (20654)
	8.1.1	Understa	nd IT customer needs (20609)		8.2.1.2	Monitor and map current and emerging
		8.1.1.1	Understand IT customer communities (20610)			technologies (20655)
	0.1.0	8.1.1.2	Assess IT customer operational capabilities (20611)		8.2.1.3	Define and communicate digital transformation strategy (20656)
	8.1.2	•	T customer transformation needs (20612)		8.2.1.4	Develop IT strategic alignment (20657)
		8.1.2.1	Understand business requirements for IT capabilities (20613)		8.2.1.5	Articulate IT alignment principles (20658)
		8.1.2.2	Understand IT landscape(20614)		8.2.1.6	Maintain IT strategic alignment (20659)
		8.1.2.3	Develop IT visioning (20615)	8.2.2	Manage	T portfolio strategy (20660)
		8.1.2.4	Outline IT service expectations (20616)		8.2.2.1	Establish and validate IT value criteria (20661)
	8.1.3		communicate IT services (20617)		8.2.2.2	Determine IT portfolio investment balance (20662)
	0.1.0	8.1.3.1	Manage IT customer expectations (20618)		8.2.2.3	Evaluate proposed IT investment projects (20663)
		8.1.3.2	Define future IT services (20619)		8.2.2.4	Prioritize IT projects (20664)
		8.1.3.3	Determine IT performance indicators (20620)		8.2.2.5	Align IT resources to strategic priorities (20665)
		8.1.3.4	Create IT marketing messages (20621)		8.2.2.6	Align IT portfolio to business objectives (20667)
		8.1.3.5	Create IT service marketing plan (20622)	8.2.3	Define ar	nd maintain enterprise architecture (20668)
	8.1.4		T transformation guidance (20623)		8.2.3.1	Create and publish enterprise architecture
	0.1.4	8.1.4.1	Develop IT transformation plans (20624)			principles (20670)
		8.1.4.2	Collect IT customer requirements (20625)		8.2.3.2	Establish and operate enterprise architecture
		8.1.4.3	Analyze IT customer requirements (20937)			governance (20671)
		8.1.4.4	Identify and prioritize IT opportunities (20626)		8.2.3.3	Research technologies to innovate IT services
		8.1.4.5	Facilitate solution design activities (20627)			and solutions (20672)
		8.1.4.6	Prioritize IT outcomes (20628)		8.2.3.4	Provide input to definition and prioritization of
		8.1.4.7	Develop business cases (20629)	024	Dofine IT	IT projects (20673)
		8.1.4.8	Support business case (20630)	8.2.4	8.2.4.1	service management strategy (20674) Establish IT service management strategy and
		8.1.4.9	Develop transformation roadmap (20631)		0.2.4.1	goals (20675)
	8.1.5		and manage IT service levels (20632)		8.2.4.2	Identify IT service operating and process
		8.1.5.1	Understand IT service requirements (20633)		0.2. 1.2	requirements (20676)
		8.1.5.2	Forecast IT service demand (20634)		8.2.4.3	Define IT service catalog (20677)
		8.1.5.3	Maintain IT services catalog (20635)		8.2.4.4	Establish IT service management framework
		8.1.5.4	Define service level agreement (20636)			(20678)
		8.1.5.5	Maintain IT customer contracts (20637)		8.2.4.5	Define and implement IT service management
		8.1.5.6	Negotiate and establish service level			(20679)
			agreements (20638)		8.2.4.6	Define and deploy support service management
		8.1.5.7	Develop and maintain improvement processes		0047	process tools and methods (20680)
			(20640)	0.0 5	8.2.4.7	Monitor and report IT performance (20681)
	8.1.6	-	IT customer relationships (20641)	8.2.5		management system (20682)
		8.1.6.1	Establish relationship management		8.2.5.1	Determine IT performance measures (20683)
		0162	mechanisms (20642)		8.2.5.2	Define IT control points and assurance procedures governance model (20684)
		8.1.6.2 8.1.6.3	Understand IT customer strategy (20643) Understand IT customer environment (20644)		8.2.5.3	Monitor and analyze overall IT performance
		8.1.6.4	Communicate IT capabilities (20645)		0.2.0.0	(20685)
		8.1.6.5	Manage IT requirements (20646)		8.2.5.4	Monitor and analyze IT financial performance
	8.1.7		service performance (20648)			(20686)
	0.1.7	8.1.7.1	Assess SLA compliance (20649)		8.2.5.5	Monitor and analyze IT value and benefits (20687)
		8.1.7.2	Triage SLA compliance (20043)		8.2.5.6	Optimize IT resource allocation (20688)
		8.1.7.3	Collect feedback about IT products and services		8.2.5.7	Manage IT projects and services interdependencies (20689)
		017/	(20647)		8.2.5.8	Report IT service and project performance (20690)
		8.1.7.4	Synthesize and distribute IT performance information (20938)		8.2.5.9	Select, deploy, and operate IT performance
0 2	Dove	on and	anage IT business strategy (20652)			analytics tools (20692)
8.2		-		8.2.6	Manage	T value portfolio (20693)
	8.2.1	Define bu	siness technology and governance strategy (20653)		8.2.6.1	Assess performance against IT service and

			project value criteria (20694)			8.3.4.2	Identify IT continuity gaps (20733)
		8.2.6.2	Quantify value of IT service and project			8.3.4.3	Manage IT business continuity (20734)
			portfolio investments (20695)		8.3.5		and manage IT security, privacy, and data protection
		8.2.6.3	Communicate business technology value			(20735)	
		8.2.6.4	contribution (20696)  Determine and implement IT portfolio			8.3.5.1	Assess IT regulatory and confidentiality requirements and policies (20736)
	8.2.7	Define an	adjustments (20697) d manage technology innovation (20699)			8.3.5.2	Create IT security, privacy, and data protection risk governance (20737)
		8.2.7.1	Establish selection criteria for research initiatives (20700)			8.3.5.3	Define IT data security and privacy policies, standards, and procedures (20738)
		8.2.7.2 8.2.7.3	Analyze emerging technology concepts (20701) Identify technology concepts and capabilities			8.3.5.4	Review and monitor physical and logical IT data security measures (20739)
		8.2.7.4	(20702) Execute IT research projects (20703)			8.3.5.5	Review and monitor application security controls (20740)
		8.2.7.5	Evaluate IT research project outcomes (20939)			8.3.5.6	Review and monitor IT physical environment security controls (20741)
		8.2.7.6 8.2.7.7	Identify and promote viable concepts (20704)  Develop and plan IT investment projects (20705)			8.3.5.7	Monitor/analyze network intrusion detection
8.3	Devel	op and ma	anage IT resilience and risk (20706)		0.0.0	0 1 .	data and resolve threats (20742)
	8.3.1	•	T compliance, risk, and security strategy (20707)		8.3.6		and analyze IT compliance assessments (20743)
	0.0.1	8.3.1.1	Determine and evaluate IT regulatory and audit requirements (20708)			8.3.6.1	Conduct projects to enhance IT compliance and remediate risk (20744)
		8.3.1.2	Understand business unit risk tolerance (20940)			8.3.6.2	Conduct IT compliance control auditing of internal and external services (20745)
		8.3.1.3	Establish IT risk tolerance (20709)			8.3.6.3	Perform IT compliance reporting (20746)
		8.3.1.4 8.3.1.5	Establish risk ownership (20710) Establish and maintain risk management roles			8.3.6.4	Identify and escalate IT compliance issues and remediation requirements (20747)
		0.0.1.0	(20711)			8.3.6.5	Support external audits and reports (20748)
		8.3.1.6	Establish compliance objectives (20712)		8.3.7		and execute IT resilience and continuity operations
		8.3.1.7	Identify systems to support compliance (20941)			(20749)	·
		8.3.1.8	Identify and evaluate IT risk (20713)			8.3.7.1	Conduct IT resilience improvement projects (20750)
		8.3.1.9	Evaluate IT-related risks resiliency (20714)			8.3.7.2	Develop, document, and maintain IT business
		8.3.1.10	Create IT risk mitigation strategies and approaches (20715)			8.3.7.3	continuity planning (20751) Implement and enforce change control
	8.3.2	•	T resilience strategy (20716)			0.074	procedures (20752)
		8.3.2.1 8.3.2.2	Determine IT delivery resiliency (20717)  Determine critical IT risks (20718)			8.3.7.4	Execute recurring IT service provider business continuity (20753)
		8.3.2.3	Prioritize IT risks (20719)			8.3.7.5	Provide IT resilience training (20754)
	0.00	8.3.2.4	Establish mitigation approaches for IT risks (20720)			8.3.7.6	Execute recurring IT business operations continuity (20755)
	8.3.3		risk, compliance, and security (20721)		8.3.8	Manage	IT user identity and authorization (20756)
		8.3.3.1	Evaluate enterprise regulatory and compliance obligations (20722)			8.3.8.1	Support integration of identity and authorization policies (20757)
		8.3.3.2 8.3.3.3	Analyze IT security threat impact (20723) Create and maintain IT compliance			8.3.8.2	Manage IT user directory (20758)
		0.3.3.3	requirements (20724)			8.3.8.3	Manage IT user authorization (20759)
		8.3.3.4	Create and maintain IT security policies, standards, and procedures (20942)			8.3.8.4	Manage IT user authentication mechanisms (20760)
		8.3.3.5	Develop and deploy risk management training (20725)			8.3.8.5	Audit IT user identity and authorization systems (20761)
		8.3.3.6	Establish risk reporting capabilities and responsibilities (20726)			8.3.8.6	Respond to IT information security and network breaches (20762)
		8.3.3.7	Establish communication standards (20727)			8.3.8.7	Conduct penetration testing (20763)
		8.3.3.8	Conduct IT risk and threat assessments (20728)			8.3.8.8	Audit integration of user identity and
		8.3.3.9	Monitor and manage IT activity risk (20729)				authorization systems (20764)
		8.3.3.10	Identify, supervise and monitor IT risk mitigation measures (20730)	8.4		_	nation (20765) usiness information and analytics strategy (20766)
	8.3.4	Plan and	manage IT continuity (20731)		8.4.1	8.4.1.1	Establish data, information, and analytic
		8.3.4.1	Evaluate IT continuity (20732)			UT. I . I	objectives (20767)

		8.4.1.2	Establish data, information, and analytic governance (20768)			8.5.3.5	Promote adoption of existing service/solution architecture (20804)
	0.40	8.4.1.3	Access IT data/analytic capabilities (20769)			8.5.3.6	Develop and maintain service/solution architectures (20805)
	8.4.2		d maintain business information architecture (20770)			8.5.3.7	Assess IT service/solution architecture
		8.4.2.1	Determine enterprise business information requirements (20771)				conformance (20806)
		8.4.2.2	Define enterprise data models (20772)			8.5.3.8	Manage architectural exceptions (20807)
		8.4.2.3	Identify and understand external data sources		8.5.4	Execute I	T service/solution creation and testing (20808)
		8.4.2.4	(20773) Establish data ownership and stewardship			8.5.4.1	Execute IT service/solution development lifecycle (20809)
			responsibilities (20774)				8.5.4.1.1 Assess and validate IT service/ solution requirements (20810)
		8.4.2.5	Maintain and evolve enterprise data and information architecture (20775)				8.5.4.1.2 Create service/solution design (20811)
	8.4.3		d execute business information lifecycle and control (20776)				8.5.4.1.3 Build and test IT service/solution components (20812)
		8.4.3.1	Define and maintain enterprise information				8.5.4.1.4 Integrate IT components and services (20813)
		8.4.3.2	policies, standards, and procedures (20777) Implement and execute data administration				8.5.4.1.5 Execute IT service/solution validation (20814)
	8.4.4	Manage ł	responsibilities (20778) pusiness information content (20779)				8.5.4.1.6 Bundle service/solution deployment packaging (20815)
	0.1.1	8.4.4.1	Monitor and control business information (20780)				8.5.4.1.7 Manage service/solution process
		8.4.4.2	Maintain business information feeds and				exceptions (20816)
		01 11 112	repositories (20781)		8.5.5	Perform s	service/solution maintenance and testing (20817)
		8.4.4.3	Perform internal usage audits (20782)			8.5.5.1	Execute IT service/solution maintenance
		8.4.4.4	Implement and administer business information				lifecycle (20818)
			access (20783)				8.5.5.1.1 Assess IT remediation (20819)
8.5	Devel	op and ma	anage services/solutions (20784)				8.5.5.1.2 Modify service/solution design (20820) 8.5.5.1.3 Perform IT service/solution
	8.5.1	Develop s	service/solution and integration strategy (20785)				remediation (20821)
		8.5.1.1	Determine IT service/solution development (20786)				8.5.5.1.4 Manage service/solution operations (20822)
		8.5.1.2	Define IT service/solution development processes/standards (20787)				8.5.5.1.5 Prepare fixed/enhanced service/ solution packaging (20823)
		8.5.1.3	Identify, deploy, and support development	8.6	Deplo	ov service	s/solutions (20824)
		0.0.1.0	methodologies and tools (20788)		8.6.1	-	and manage service/solution deployment strategy
		8.5.1.4	Establish service component criteria (20789)		0.0.1	(20825)	and manage service/solution deployment strategy
		8.5.1.5	Understand and select reusable service			8.6.1.1	Assess IT deployment business impact (20826)
			components (20790)			8.6.1.2	Establish IT deployment policies (20827)
		8.5.1.6	Maintain service component portfolio (20791)			8.6.1.3	Define and create deployment procedure
		8.5.1.7	Establish development standards exception governance (20792)			8.6.1.4	workflow (20828)  Define IT change/release standards (20829)
	8.5.2	Manage s	service/solution lifecycle planning (20793)				•
	0.0.2	8.5.2.1	Monitor and track emerging technology			8.6.1.5	Assign deployment approval responsibilities (20830)
		8.5.2.2	capabilities (20794)			8.6.1.6	Analyze deployments outcomes (20831)
			Identify IT services/solutions (20795)		8.6.2		ice and solution implementation (20832)
		8.5.2.3	Determine IT service/solution approach (20796)			8.6.2.1	Assess IT deployment risk (20833)
		8.5.2.4 8.5.2.5	Define IT solution lifecycle (20797)  Develop IT service/solution "sunset" plans (20798)			8.6.2.2	Define implementation schedule and roll-out sequence (20834)
	8.5.3	Develop a	and manage service/solution architecture (20799)			8.6.2.3	Determine implementation requirements (20835)
		8.5.3.1	Assess IT application and infrastructure			8.6.2.4	Plan and align user testing and resources (20836)
			architecture constraints (20800)			8.6.2.5	Develop IT training (20837)
		8.5.3.2	Assess business constraints on IT service/solution (20801)			8.6.2.6	Create implementation communications (20838)
		8.5.3.3	Determine IT component integration		0.0.0	8.6.2.7	Manage IT roll-back procedures (20839)
		5.5.5.0	requirements (20802)		8.6.3	_	change deployment control (20840)
1		0.5.0.4	Identify opportunities for IT component reuse			8.6.3.1	Asses IT change/release impact (20841)
		8.5.3.4	identity opportunities for it component rease			0 0 0 0	0 (; 1 / 1 ); (555.55)
		8.5.3.4	(20803)			8.6.3.2 8.6.3.3	Confirm change/release compliance (20842) Assess IT change/release risk (20843)

		8.6.3.4	Consolidate IT change (20844)			8.7.3.1.4 Schedule/optimize backup and archive activities (20885)
		8.6.3.5	Create and communicate deployment schedule (20845)			8.7.3.1.5 Balance operational workloads
		8.6.3.6	Approve change/release deployment (20846)			across available infrastructure
		8.6.3.7	Document IT change/release outcome (20847)			components (20886)
	8.6.4	Implemen	t technology solutions (20848)			8.7.3.1.6 Determine specific problem support procedures (20887)
		8.6.4.1	Confirm hardware/software operational status	8.7.4	Develop a	and manage infrastructure resource planning (20888)
		0.0.4.0	(20849)		8.7.4.1	Develop IT service delivery strategy (20889)
		8.6.4.2 8.6.4.3	Confirm operational availability (20850)  Execute internal IT implementation plan (20851)		8.7.4.2	Assess IT infrastructure business objectives
		8.6.4.4	Confirm implementation completion (20852)			(20890)
		8.6.4.5	Implement software change/release (20853)		8.7.4.3	Determine ongoing IT infrastructure capabilities
		8.6.4.6	Perform post-installation testing (20854)		0744	(20891)
		8.6.4.7	Distribute software components network-wide		8.7.4.4 8.7.4.5	Plan IT infrastructure change (20892) Plan and budget IT license usage volumes (20893)
			(20855)	8.7.5		ervice support planning (20895)
		8.6.4.8	Verify change/release implementation success	0.7.5	8.7.5.1	Understand IT support demand patterns (20896)
		0.6.4.0	(20856) Execute roll-back plan (20857)		8.7.5.2	Determine required support resource levels,
	8.6.5	8.6.4.9 Parform s	ervice and solution rollout (20858)		0.7.0.2	responsibilities, and capabilities (20897)
	0.0.5	8.6.5.1	Conduct IT training (20859)		8.7.5.3	Maintain service support knowledge repository
		8.6.5.2	Prepare and distribute service/solution			(20898)
			communications (20860)		8.7.5.4	Maintain service support learning (20943)
		8.6.5.3	Support organizational changes (20861)		8.7.5.5	Communicate service support needs (20899)
		8.6.5.4	Execute rollout plans (20862)		8.7.5.6	Define IT escalation mechanisms (20900)
		8.6.5.5	Provide rollout support (20863)		8.7.5.7	Manage IT service support resources (20901)
		8.6.5.6	Manage rollout support capabilities (20864)		8.7.5.8 8.7.5.9	Coordinate with external support providers (20902)  Triage IT service delivery incidents (20903)
0.7	•	8.6.5.7	Monitor and record rollout issues (20865)		8.7.5.10	Monitor IT service support performance (20904)
8.7			age support services/solutions (20866)	8.7.6		and manage service delivery operations (20905)
	8.7.1		d establish service delivery strategy (20867)	0.7.0	8.7.6.1	Operate and monitor online systems (20906)
		8.7.1.1	Assess business objectives and IT service delivery (20868)		8.7.6.2	Run and monitor batch job schedule (20907)
		8.7.1.2	Define IT service delivery portfolio (20869)		8.7.6.3	Manage service delivery workloads (20908)
		8.7.1.3	Create and maintain IT service delivery model		8.7.6.4	Manage infrastructure performance and
			(20870)			capacity (20909)
		8.7.1.4	Determine IT service delivery locations and		8.7.6.5	Respond to unplanned operational issues (20910)
		8.7.1.5	activities (20871)  Define IT service delivery sourcing strategy		8.7.6.6	Produce and distribute output media (20911)
		0.7.1.0	(20872)		8.7.6.7	Monitor IT infrastructure security (20912)
	8.7.2	Define an	d develop service support strategy (20873)	8.7.7	8.7.6.8	Manage IT infrastructure/data recovery (20913) infrastructure resource administration (20914)
		8.7.2.1	Assess business objectives and IT service	0.7.7	8.7.7.1	Manage infrastructure configuration (20915)
			support delivery (20874)		8.7.7.2	Perform infrastructure component maintenance
		8.7.2.2	Define IT service support portfolio (20875)		0.7.7.2	(20916)
		8.7.2.3 8.7.2.4	Create and maintain IT support model (20876)		8.7.7.3	Install/configure/upgrade infrastructure
		0.7.2.4	Develop IT support service sourcing strategy (20877)			components (20917)
		8.7.2.5	Establish support service framework (20878)		8.7.7.4	Maintain IT asset records (20918)
		8.7.2.6	Provide service support tools and technology		8.7.7.5	Administer IT licenses/user agreements (20919)
			(20879)		8.7.7.6	Provide IT infrastructure service and capabilities (20920)
	8.7.3		manage service delivery control (20880)	8.7.8	Onerate I	T user support (20921)
		8.7.3.1	Plan operational activities for IT service delivery (20881)	0.7.0	8.7.8.1	Triage IT issues/requests (20922)
			8.7.3.1.1 Schedule service delivery resources		8.7.8.2	Provide IT resolution capabilities (20923)
			(20882)		8.7.8.3	Manage IT user requests (20925)
			8.7.3.1.2 Maintain/optimize batch job schedule (20883)		8.7.8.4	Escalate IT requests (20926)
			8.7.3.1.3 Schedule change/release windows		8.7.8.5	Resolve IT issues/requests (20927)
			(20884)		8.7.8.6	Execute IT continuity and recovery action (20928)

### 9.0 Manage Financial Resources (17058)

9.1	Perfo	rm plann	ing and management accounting (10728)			9.2.2.4	Post receivable entries (10797)		
	9.1.1	Perform	planning/budgeting/forecasting (10738)			9.2.2.5	Resolve customer billing inquiries (10798)		
		9.1.1.1	Develop and maintain budget policies and		9.2.3	Process	accounts receivable (AR) (10744)		
			procedures (10771)			9.2.3.1	Establish AR policies (10799)		
		9.1.1.2	Prepare periodic budgets and plans (10772)			9.2.3.2	Receive/Deposit customer payments (10800)		
		9.1.1.3	Operationalize and implement plans to achieve			9.2.3.3	Apply cash remittances (10801)		
			budget (20135)			9.2.3.4	Prepare AR reports (10802)		
		9.1.1.4	Prepare periodic financial forecasts (10773)			9.2.3.5	9.2.3.5 Post AR activity to the general ledger (10803)		
		9.1.1.5	Perform variance analysis against forecasts and budgets (20136)			ŭ	and process collections (10745)		
	9.1.2	Perform	cost accounting and control (10739)			9.2.4.1	Establish policies for delinquent accounts (10804)		
	J. 1.Z	9.1.2.1	Perform inventory accounting (10774)			0242			
		9.1.2.1	Perform profit center accounting (14057)			9.2.4.2	Analyze delinquent account balances (10805)		
		9.1.2.3				9.2.4.3	Correspond/Negotiate with delinquent accounts (10806)		
			Perform cost of sales analysis (10775)			0244	•		
		9.1.2.4	Perform product costing (10776)			9.2.4.4	Discuss account resolution with internal parties (10807)		
		9.1.2.5	Perform variance analysis (10777)			9.2.4.5	Process adjustments/write off balances (10808)		
		9.1.2.6	Report on profitability (11175)				-		
	9.1.3		cost management (10740)			9.2.4.6	Perform recovery workout (14007)		
		9.1.3.1	Determine key cost drivers (10778)		005	9.2.4.7	Manage default accounts (14008)		
		9.1.3.2	Measure cost drivers (10779)		9.2.5	-	and process adjustments/deductions (10746)		
		9.1.3.3	Determine critical activities (10780)			9.2.5.1	Establish policies/procedures for adjustments		
		9.1.3.4	Manage asset resource deployment and utilization (10781)			9.2.5.2	(10809) Analyze adjustments (10810)		
	9.1.4	Evaluato	and manage financial performance (10741)			9.2.5.3	Correspond/Negotiate with customer (10811)		
	J.1. <del>4</del>	9.1.4.1	Assess customer and product profitability			9.2.5.4	Discuss resolution with internal parties (10812)		
		J.1. <del>4</del> .1	(10782)			9.2.5.5	Prepare chargeback invoices (10813)		
		9.1.4.2	Evaluate new products (10783)			9.2.5.6	Process related entries (10814)		
		9.1.4.3	Perform life cycle costing (10784)	9.3	Dorfo				
		9.1.4.4	Optimize customer and product mix (10785)		9.3.1	orm general accounting and reporting (10730)			
		9.1.4.5	Track performance of new-customer and			•	policies and procedures (10747)		
			product strategies (10786)			9.3.1.1 9.3.1.2	Negotiate service-level agreements (10815) Establish accounting policies (10816)		
		9.1.4.6	Prepare activity-based performance measures			9.3.1.3	Publish accounting policies (20604)		
			(10787)			9.3.1.4	Establish common financial systems (10818)		
		9.1.4.7	Manage continuous cost improvement (10788)		9.3.2		general accounting (10748)		
9.2	Perfo	rm reven	ue accounting (10729)		3.3.2	9.3.2.1	Maintain chart of accounts (10819)		
	9.2.1	Process	customer credit (10742)			9.3.2.1	Process journal entries (10820)		
		9.2.1.1	Establish credit policies (10789)			9.3.2.3	Process allocations (10821)		
		9.2.1.2	Analyze/Approve new account applications			9.3.2.3	Process period end adjustments (10822)		
		9.2.1.3	(10790) Analyze credit scoring history (14187)			9.3.2.5	Post and reconcile intercompany transactions		
							(10823)		
		9.2.1.4	Forecast credit scoring requirement (14188)			9.3.2.6	Reconcile general ledger accounts (10824)		
		9.2.1.5	Review existing accounts (10791)			9.3.2.7	Perform consolidations and process		
		9.2.1.6	Produce credit/collection reports (10792)				eliminations (10825)		
		9.2.1.7	Reinstate or suspend accounts based on credit policies (10793)			9.3.2.8 9.3.2.9	Prepare trial balance (10826)  Prepare and post management adjustments		
	9.2.2	Invoice o	customer (10743)			U.J.L.J	(10827)		
		9.2.2.1	Maintain customer/product master files (10794)		9.3.3	Perform	fixed-asset accounting (10749)		
		9.2.2.2 Generate customer billing data (10795)				9.3.3.1	Establish fixed-asset policies and procedures		
		9.2.2.3	Transmit billing data to customers (10796)			0.0.0.1	(10828)		

		9.3.3.2	Maintain fixed-asset master data files (10829)			9.5.1.3	Analyze and report paid and unpaid leave
		9.3.3.3	Process and record fixed-asset additions and				(10855)
		9.3.3.4	retires (10830) Process and record fixed-asset adjustments,			9.5.1.4	Monitor regular, overtime, and other hours (10856)
		0.0.0.4	enhancements, revaluations, and transfers			9.5.1.5	Analyze and report employee utilization (10857)
			(10831)		9.5.2		pay (10754)
		9.3.3.5	Process and record fixed-asset maintenance and repair expenses (10832)			9.5.2.1	Enter employee time worked into payroll system (10858)
		9.3.3.6	Calculate and record depreciation expense (10833)			9.5.2.2	Maintain and administer employee earnings information (10859)
		9.3.3.7	Reconcile fixed-asset ledger (10834)			9.5.2.3	Maintain and administer applicable deductions
		9.3.3.8	Track fixed-assets including physical inventory (10835)			9.5.2.4	(10860) Monitor changes in tax status of employees
		9.3.3.9	Provide fixed-asset data to support tax,				(10861)
			statutory, and regulatory reporting (10836)			9.5.2.5	Process and distribute payments (10862)
	9.3.4	Perform 1	financial reporting (10750)			9.5.2.6	Process and distribute manual checks (10863)
		9.3.4.1	Prepare business unit financial statements			9.5.2.7	Process period-end adjustments (10864)
			(10837)			9.5.2.8	Respond to employee payroll inquiries (10865)
		9.3.4.2	Prepare consolidated financial statements		9.5.3	Manage	and process payroll taxes (10755)
			(10838)			9.5.3.1	Develop tax plan (14075)
		9.3.4.3	Perform business unit reporting/review			9.5.3.2	Manage tax plan (14076)
		0044	management reports (10839)			9.5.3.3	Calculate and pay applicable payroll taxes (10866)
		9.3.4.4	Perform consolidated reporting/review of cost management reports (10840)			9.5.3.4	Produce and distribute employee annual tax statements (10867)
		9.3.4.5	Prepare statements for board review (10841)			9.5.3.5	File regulatory payroll tax forms (10868)
		9.3.4.6	Produce quarterly/annual filings and shareholder reports (10842)	9.6	Proce (1073		nts payable and expense reimbursements
		9.3.4.7	Produce regulatory reports (10843)		9.6.1		recounts payable (AD) (107EC)
		9.3.4.8	Perform legal and management consolidation		9.0.1	9.6.1.1	Accounts payable (AP) (10756)
9.4	Mana	ae fixed-	(14074) asset project accounting (10731)				Verify AP pay file with purchase order vendor master file (10869)
	9.4.1	_	capital planning and project approval (10751)			9.6.1.2	Maintain/Manage electronic commerce (10870)
	3.4.1	9.4.1.1	Develop capital investment policies and			9.6.1.3	Audit invoices and key data in AP system (10871)
		0.4.1.0	procedures (10844)			9.6.1.4	Approve payments (10872)
		9.4.1.2	Develop and approve capital expenditure plans and budgets (10845)			9.6.1.5	Process financial accruals and reversals (10873)
		9.4.1.3	Review and approve capital projects and fixed-			9.6.1.6	Process payables taxes (10874)
		5.4.1.5	asset acquisitions (10846)			9.6.1.7	Research/Resolve payable exceptions (10875)
		9.4.1.4	Conduct financial justification for project			9.6.1.8	Process payments (10876)
			approval (10847)			9.6.1.9	Respond to AP inquiries (10877)
	9.4.2	Perform of	capital project accounting (10752)			9.6.1.10	Retain records (10878)
		9.4.2.1	Create project account codes (10848)			9.6.1.11	Adjust accounting records (10879)
		9.4.2.2	Record project-related transactions (10849)		9.6.2		expense reimbursements (10757)
		9.4.2.3	Monitor and track capital projects and budget spending (10850)			9.6.2.1	Establish and communicate expense reimbursement policies and approval limits
		9.4.2.4	Close/capitalize projects (10851)			0.000	(10880)
		9.4.2.5	Measure financial returns on completed capital			9.6.2.2	Capture and report relevant tax data (10881)
			projects (10852)			9.6.2.3	Approve reimbursements and advances (10882)
9.5						9.6.2.4	Process reimbursements and advances (10883)
	Proce	ess payro	II (10732)			0.00  L	Managa paragnal assessments (10004)
					0.00	9.6.2.5	Manage personal accounts (10884)
	<b>Proce</b> 9.5.1		II (10732) me (10753) Establish policies and procedures (10853)		9.6.3		Manage personal accounts (10884) corporate credit cards (20929) Establish corporate credit card policies and

		9.6.3.2 9.6.3.3	Establish corporate credit card policies and (20931) Order corporate credit cards (20932)			9.7.4.6		nd oversee foreign currency ons (10912)
		9.6.3.4 9.6.3.5	Manage corporate credit card accounts (20933) Approve/Change credit limits (20934)			9.7.4.7		lebt and investment accounting on reports (10913)
		9.6.3.6	Cancel/Deactivate credit card (20935)			9.7.4.8		nd oversee interest rate transactions
9.7	Mana	ge treası	ry operations (10734)		9.7.5	Monitor		e risk and hedging transactions (11208)
	9.7.1	Manage	treasury policies and procedures (10758)		3.7.3	9.7.5.1		isk management/hedging strategy
		9.7.1.1	Establish scope and governance of treasury operations (10885)				(12974)	
		0710	•			9.7.5.2	_	nterest rate risk (11209)
		9.7.1.2	Establish and publish treasury policies (10886)				9.7.5.2.1	Manage interest rate market data
		9.7.1.3	Develop treasury procedures (10887)				07500	(19575)
		9.7.1.4	Monitor treasury procedures (10888)				9.7.5.2.2	Determine interest rate exposure for all markets (19576)
		9.7.1.5	Audit treasury procedures (10889)				9.7.5.2.3	Determine interest rate hedge
		9.7.1.6	Revise treasury procedures (10890)				9.7.5.2.3	requirements in accordance with
		9.7.1.7	Develop and confirm internal controls for treasury (10891)				0.7.5.0.4	risk policy (19577)
		9.7.1.8	Define system security requirements (10892)				9.7.5.2.4	Execute interest rate trades (19578)
	9.7.2	Manage	cash (10759)			9.7.5.3	_	oreign exchange risk (11210)
		9.7.2.1	Manage and reconcile cash positions (10893)				9.7.5.3.1	Manage foreign exchange market
		9.7.2.2	Manage cash equivalents (10894)				07500	data (19579)
		9.7.2.3	Process and oversee electronic fund transfers (EFTs) (10895)				9.7.5.3.2	Determine foreign exchange exposure for all currencies (19580)
		9.7.2.4	Develop cash flow forecasts (10896)				9.7.5.3.3	Determine foreign exchange hedge
		9.7.2.5	Manage cash flows (10897)					requirements in accordance with risk policy (19581)
		9.7.2.6	Produce cash management accounting				9.7.5.3.4	Execute foreign exchange trades
			transactions and reports (10898)				0.7.0.0.1	(19582)
		9.7.2.7	Manage and oversee banking relationships (10899)				9.7.5.3.5	Manage foreign exchange balance
		9.7.2.8	Analyze, negotiate, resolve, and confirm bank fees (10900)			9.7.5.4		sheet risk (19583) exposure risk (11211)
	9.7.3	Manage	in-house bank accounts (10760)			3.7.3.4	9.7.5.4.1	Determine current customer exposures
		9.7.3.1	Manage in-house bank accounts for subsidiaries (10901)					and limit exceptions (19584)
		9.7.3.2	Manage and facilitate inter-company borrowing				9.7.5.4.2	Resolve customer exposure limit violations (19585)
		0722	transactions (10902)  Manage centralized outgoing payments on				9.7.5.4.3	Manage customer collateral (19586)
		9.7.3.3	behalf of subsidiaries (10903)				9.7.5.4.4	Perform annual customer credit reviews (19587)
		9.7.3.4	Manage central incoming payments on behalf			9.7.5.5	Execute h	edging transactions (20137)
		0705	of subsidiaries (10904)				9.7.5.5.1	Measure physical positions (19588)
		9.7.3.5	Manage internal payments and netting transactions (10905)				9.7.5.5.2	Establish hedges (19589)
		9.7.3.6	Calculate interest and fees for in-house bank				9.7.5.5.3	Unwind hedges (19590)
			accounts (10906)				9.7.5.5.4	Evaluate and refine hedging positions (11213)
		9.7.3.7	Provide account statements for in-house bank accounts (10907)			9.7.5.6	9.7.5.5.5 Produce b	Monitor credit (11215)
	9.7.4	Manage	debt and investment (10761)			9.7.3.0	reports (1	edge accounting transactions and
		9.7.4.1	Establish investment policy (14079)		9.7.6	Manage		aud/dispute cases (16958)
		9.7.4.2	Manage financial intermediary relationships (10908)	9.8		_	nal control	·
		9.7.4.3	Manage liquidity (10909)		9.8.1	Establish	n internal co	ntrols, policies, and procedures (10762)
		9.7.4.4	Manage issuer exposure (10910)			9.8.1.1		board of directors and audit
		9.7.4.5	Process and oversee debt and investment transactions (10911)			9.8.1.2	committee Define an	e (10914) d communicate code of ethics (10915)
								2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	9.8.2		Assign roles and responsibility for internal controls (10916)  Define business process objectives and risks (11250)  Define entity/unit risk tolerances (11251) controls and monitor compliance with internal policies and procedures (10763)  Design and implement control activities (10917)  Monitor control effectiveness (10918)	9.9.2	Process t 9.9.2.1 9.9.2.2 9.9.2.3 9.9.2.4 9.9.2.5 9.9.2.6 9.9.2.7	axes (10766)  Perform tax planning/strategy (10930)  Prepare tax returns (10931)  Prepare foreign taxes (10932)  Calculate deferred taxes (10933)  Account for taxes (10934)  Monitor tax compliance (10935)  Address tax inquiries (10936)
	9.8.3	9.8.2.3 9.8.2.4 9.8.2.5 9.8.2.6 Report of 9.8.3.1 9.8.3.2 9.8.3.3 9.8.3.4	Remediate control deficiencies (10919) Create compliance function (10920) Operate compliance function (10921) Implement and maintain controls-related enabling technologies and tools (10922) in internal controls compliance (10764) Report to external auditors (10923) Report to regulators, share-/debt-holders, securities exchanges, etc. (10924) Report to third parties (10925) Report to internal management (10926)	9.10.1 9.10.2 9.10.3 9.10.4 <b>Perfor</b> 9.11.1 9.11.2 9.11.3	Monitor i Manage of Monitor of Report re rm global Screen sa Control e Classify p	ational funds/consolidation (10737) International rates (10767) Itransactions (10768) Currency exposure/hedge currency (10769) Isults (10770) Itrade services (17059) International rates (14090) International rates (14091) International rates (14092) International rates (19593)
9.9	<b>Mana</b> 9.9.1	Develop 9.9.1.1 9.9.1.2 9.9.1.3	tax strategy and plan (10765)  Develop foreign, national, state, and local tax strategy (10927)  Consolidate and optimize total tax plan (10928)  Maintain tax master data (10929)	9.11.7 9.11.8 9.11.9	Communi Documen Process t Handle re	e duty (14093) icate with customs (14094) it trade (14095) rade preferences (14096) estitution (14097) etter of credit (14098)

### 10.0 Acquire, Construct, and Manage Assets (19207)

10.1	Plan a	nd acqui	re assets (10937)			10.2.4.2	Undertake construction quality control (19226)
	10.1.1	Develop n	roperty strategy and long term vision (10941)			10.2.4.3	Create work and asset records (19227)
		10.1.1.1	Confirm alignment of property requirements with business strategy (10955)			10.2.4.4	Manage safety, security, and access to sites (19228)
		10.1.1.2	Appraise the external environment (10956)	10.3	Maint	tain produ	ıctive assets (19238)
		10.1.1.3 Determine build or buy decision (10957)			10.3.1	Plan asse	et maintenance (19239)
	10.1.2 Plan facility (10943)				10.3.1.1	Develop maintenance strategies (19240)	
		10.1.2.1	Design facility (10958)			10.3.1.2	Analyze assets and predict maintenance
		10.1.2.2	Analyze budget (10959)				requirements (10967)
		10.1.2.3	Select property (10960)			10.3.1.3	Specify maintenance policies (19241)
		10.1.2.4	Negotiate terms for facility (10961)			10.3.1.4	Integrate preventive maintenance into
		10.1.2.5	Manage construction or modification to building				operations schedule (10968)
	10.1.3	Provide w	(10962) orkspace and facilities (10944)			10.3.1.5	Identify work management tasks & priorities (19242)
		10.1.3.1	Acquire workspace and facilities (10963)			10.3.1.6	Conduct resource planning (19243)
		10.1.3.2	Change fit/form/function of workspace			10.3.1.7	Create work plans (19244)
	andfacilities (10964)			10.3.2	Manage a	asset maintenance (19245)	
	10.1.4	Manage f	acilities operations (10949)			10.3.2.1	Schedule maintenance work (19246)
			Relocate people (10965)			10.3.2.2	Obtain required resources (19247)
		10.1.4.2	Relocate material and tools (10966)			10.3.2.3	Undertake quality control (19248)
10.2	Desig	n and con	struct productive assets (19208)			10.3.2.4	Update work and asset records (19249)
	10.2.1	Manage o	apital program for productive assets (19209)			10.3.2.5	Manage maintenance work safety (19250)
		10.2.1.1	Define capital investment plan (19210)			10.3.2.6	Define maintenance performance targets (19251)
		10.2.1.2	Monitor capital program (19211)			10.3.2.7	Monitor maintenance performance against targets/contracts (19252)
		10.2.1.3	Secure construction financing (19212)		10.3.3	Perform a	asset maintenance (19253)
		10.2.2	Design and plan asset construction (20139)			10.3.3.1	Perform preventative asset maintenance (10947)
		10.2.2.1	Develop construction strategy (19220)			10.3.3.2	Perform routine asset maintenance (19254)
		10.2.2.2	Perform construction performance management (11276)			10.3.3.3	Perform corrective asset maintenance and repairs (19255)
		10.2.2.3	Obtain construction permissions (19221)			10.3.3.4	Identify unplanned maintenance requirements
		10.2.2.4	Design assets (19222)			10.5.5.4	(19256)
		10.2.2.5	Plan construction resources (19223)			10.3.3.5	Perform unplanned maintenance and repairs
	10.2.3		and perform construction work (19229)				(19257)
	10.2.3.1 Schedule construction work (19230) 10.2.3.2 Obtain resources (19231) 10.2.3.3 Construct new assets (19232)		10.4	Maint	tain produ	ıctive assets (19238)	
				10.4.1	-	p exit strategy (10952)	
				10.4.2		ssion productive assets (19258)	
		10.2.3.4	Augment existing assets (19233)		10.4.3		sale or trade (10953)
	1004	10.2.3.5	Renew/Replace assets (19234)			, ,	
	10.2.4	-	Isset construction (19224)		10.4.4	• • •	
		10.2.4.1	Monitor work performance (19225)		10.4.5	Perform	waste and hazardous goods management (16970)

## 11.0 Manage Enterprise Risk, Compliance,Remediation, and Resiliency (16437)

#### 11.1 Manage enterprise risk (17060)

- 11.1.1 Establish the enterprise risk framework and policies (16439)
  - 11.1.1.1 Determine risk tolerance for organization (16440)
  - 11.1.1.2 Develop and maintain enterprise risk policies and procedures (16441)
  - 11.1.1.3 Identify and implement enterprise risk management tools (16442)
  - 11.1.1.4 Coordinate the sharing of risk knowledge across the organization (16443)
  - 11.1.1.5 Prepare and report enterprise risk to executive management and board (16444)
- 11.1.2 Oversee and coordinate enterprise risk management activities (16445)
  - 11.1.2.1 Identify enterprise level risks (16446)
  - 11.1.2.2 Assess risks to determine which to mitigate (16447)
  - 11.1.2.3 Develop risk mitigation and management strategy and integrate with existing performance management processes (16448)
  - 11.1.2.4 Verify business unit and functional risk mitigation plans are implemented (16449)
  - 11.1.2.5 Ensure risks and risk mitigation actions are monitored (16450)
  - 11.1.2.6 Report on enterprise risk activities (16451)
  - 11.1.2.7 Coordinate business unit and functional risk management activities (16452)
  - 11.1.2.8 Ensure that each business unit/function follows the enterprise risk management process (16453)
  - 11.1.2.9 Ensure that each business unit/function follows the enterprise risk reporting process (16454)
- 11.1.3 Manage business unit and function risk (17462)
  - 11.1.3.1 Identify risks (16456)
  - 11.1.3.2 Assess risks using enterprise risk framework policies and procedures (16457)
  - 11.1.3.3 Develop mitigation plans for risks (16458) 11.1.3.3.1 Assess adequacy of insurance coverage (18129)
  - 11.1.3.4 Implement mitigation plans for risks (16459)
  - 11.1.3.5 Monitor risks (16460)
  - 11.1.3.6 Analyze risk activities and update plans (16461)
  - 11.1.3.7 Report on risk activities (16462)

#### 11.2 Manage compliance (17467)

- 11.2.1 Establish compliance framework and policies (17468)
  - 11.2.1.1 Develop enterprise compliance policies and procedures (17469)
  - 11.2.1.2 Implement enterprise compliance activities (17470)
  - 11.2.1.3 Manage internal audits (14133)
  - 11.2.1.4 Maintain controls-related technologies and tools (14137)
- 11.2.2 Manage regulatory compliance (16463)
  - 11.2.2.1 Develop regulatory compliance procedures (16464)
  - 11.2.2.2 Identify applicable regulatory requirements (16465)
  - 11.2.2.3 Monitor the regulatory environment for changing or emerging regulations (16466)
  - 11.2.2.4 Assess current compliance position and identify weaknesses or shortfalls therein (16467)
  - 11.2.2.5 Implement missing or stronger regulatory compliance controls and policies (16468)
  - 11.2.2.6 Monitor and test regulatory compliance position and existing controls (16469)
  - 11.2.2.7 Compile and communicate compliance scorecard(s) (19595)
  - 11.2.2.8 Compile and communicate internal and regulatory compliance reports (19596)
  - 11.2.2.9 Maintain relationships with regulators as appropriate (16470)

#### 11.3 Manage remediation efforts (11185)

- 11.3.1 Create remediation plans (11201)
- 11.3.2 Contact and confer with experts (11202)
- 11.3.3 Identify/dedicate resources (11203)
- 11.3.4 Investigate legal aspects (11204)
- 11.3.5 Investigate damage cause (11205)
- 11.3.6 Amend or create policy (11206)

### 11.4 Manage business resiliency (11216)

- 11.4.1 Develop the business resilience strategy (11221)
- 11.4.2 Perform continuous business operations planning (11222)
- 11.4.3 Test continuous business operations (11223)
- 11.4.4 Maintain continuous business operations (11224)
- 11.4.5 Share knowledge of specific risks across other parts of the organization (16471)

### 12.0 Manage External Relationships (10012)

#### 12.1 Build investor relationships (11010) 12.4.3 Develop and perform preventive law programs (11046) 12.4.4 Ensure compliance (11047) 12.1.1 Plan, build, and manage lender relations (11035) 12.4.4.1 Plan and initiate compliance program (11053) 12.1.2 Plan, build, and manage analyst relations (11036) Execute compliance program (11054) 12.4.4.2 12.1.3 Communicate with shareholders (11037) 12.4.5 Manage outside counsel (11048) 12.2 Manage government and industry relationships (11011) 12.4.5.1 Assess problem and determine work 12.2.1 Manage government relations (11038) requirements (11056) 12.2.1.1 Assess relationships (12869) 12.4.5.2 Engage/Retain outside counsel if necessary 12.2.1.2 Appoint responsible executives (12870) (11057)12.2.1.3 Monitor relationships (12871) 12.4.5.3 Receive strategy/budget (11058) 12.2.1.4 Receive input from internal advisors (12872) 12.4.5.4 Receive work product and manage/monitor 12.2.1.5 Receive input from external advisors (12873) case and work performed (11059) 12.2.1.6 Liaise with authorities (12874) 12.4.5.5 Process payment for legal services (11060) 12.2.2 Manage relations with guasi-government bodies (11039) 12.4.5.6 Track legal activity/performance (11061) 12.2.2.1 Establish relationships with agencies (12875) 12.4.6 Protect intellectual property (11049) 12.2.2.2 Respond to audit inquiries (12876) 12.4.6.1 Manage copyrights, patents, and trademarks 12.2.2.3 Maintain documentation of contacts (12877) (11062)12.2.2.4 Plan and manage meetings (12878) 12.4.6.2 Maintain intellectual property rights and restrictions (11063) 12.2.3 Manage relations with trade or industry groups (11040) Administer licensing terms (11064) 12.4.6.3 Evaluate the requirements for strategic 12.2.3.1 12.4.6.4 Administer options (11065) relationships (12879) 12.2.3.2 Monitor the success of the partnerships (12880) 12.4.7 Resolve disputes and litigations (11050) 12.2.3.3 Extend or change the relationships (12881) 12.4.8 Provide legal advice/counseling (11051) 12.2.4 Manage lobby activities (11041) 12.4.9 Negotiate and document agreements/contracts (11052) 12.3 Manage relations with board of directors (11012) 12.5 Manage public relations program (11014) 12.3.1 Report financial results (11042) 12.5.1 Manage community relations (11066) 12.3.2 Report audit findings (11043) 12.5.2 Manage media relations (11067) 12.5.3 Promote political stability (11068) 12.4 Manage legal and ethical issues (11013) 12.5.4 Create press releases (11069) 12.4.1 Create ethics policies (11044) 12.5.5 Issue press releases (11070) 12.4.2 Manage corporate governance policies (11045)

### 13.0 Develop and Manage Business Capabilities (10013)

13.1	Mana	ge busine	ss processes (16378)				13.2.3.1.3	Assess culture and readiness for
	13.1.1	Establish	and maintain process manage	ement governance			100011	project management approach (11118)
		(16379)					13.2.3.1.4	Identify appropriate project management methodologies (11119)
		13.1.1.1	Define and manage governar (16380)	nce approach			13.2.3.1.5	Create business case and obtain
		13.1.1.2	Establish and maintain proce	ss tools and			100010	funding (11120)
		13.1.1.3	templates (16381) Assign and support process	ownershin (16382)			13.2.3.1.6	Develop project measures and indicators (11121)
			Perform process governance	·		13.2.3.2	Develop p	roject plans (16413)
	13.1.2		d manage process framework				13.2.3.2.1	Define roles and resources (11123)
		13.1.2.1	Establish and maintain proce (163850)				13.2.3.2.2	Aquire/secure project resources (20142)
		13.1.2.2	Identify cross-functional prod	esses (16386)			13.2.3.2.3	Identify specific IT requirements
	13.1.3		ocesses (16387)	(1222)				(11124)
		13.1.3.1	Scope processes (16388)				13.2.3.2.4	Create training and communication
		13.1.3.2	Analyze processes (16389)				100005	plans (11125)
			13.1.3.2.1 Identify published (20140)	l best practices			13.2.3.2.5	approaches (11127)
		13.1.3.3	Model and document proces	ses (1639N)			13.2.3.2.6	Design and plan launch of project
		13.1.3.4	Publish processes (16391)	303 (10030)			10007	(11128) Deploy the project (11129)
	13.1.4		rocess performance (16392)			13.2.3.3		rojects (16414)
		13.1.4.1	Provide process training (163	93)		13.2.3.3	•	Evaluate impact of project
		13.1.4.2	Support process execution (1				10.2.0.0.1	management (strategy and projects)
		13.1.4.3	Measure and report process					on measures and outcomes (11131)
				metrics as required			13.2.3.3.2	Report the status of project (16415)
			(20141)				13.2.3.3.3	Manage project scope (16416)
	13.1.5	Improve p	rocesses (16396)				13.2.3.3.4	Promote and sustain activity and
		13.1.5.1	Identify and select improvem (16397)	ent opportunities			13.2.3.3.5	involvement (11132) Realign and refresh project
		13.1.5.2	Manage improvement project	ts (16398)				management strategy and
		13.1.5.3	Perform continuous improver	nent activities				approaches (11133)
			(16399)					nd report project performance (16417)
13.2	Mana	ge portfo	io, program, and project (1			13.2.3.5		ects (16418)
	13.2.1	Manage	ortfolio (16401)	13	3.3 Mana	ge enterp	rise quali	ty (17471)
		13.2.1.1	Establish portfolio strategy (	16402)	13.3.1	Establish	quality requ	uirements (17472)
		13.2.1.2	Define portfolio governance	(16403)		13.3.1.1	Define crit	tical-to-quality characteristics (17473)
		13.2.1.3	Monitor and control portfolio	(16404)		13.3.1.2	Define pre	eventive quality activities (17474)
	13.2.2	Manage	rograms (16405)			13.3.1.3		uality controls (17475)
		13.2.2.1	Establish program structure a	nd approach (16406)			13.3.1.3.1	Define process steps for controls (or
		13.2.2.2	Manage program stakeholde (16407)	rs and partners			13.3.1.3.2	integration points) (17476) Define sampling plan (17477)
		13.2.2.3	Manage program execution (	16408)			13.3.1.3.3	Identify measurement methods (17478)
		13.2.2.4	Review and report program p				13.3.1.3.4	Define required competencies (17479)
	13.2.3	Manage	rojects (16410)			13.3.1.4	Prove capa	ability to assess compliance with
		13.2.3.1	Establish project scope (164°	1)			-	nts (17480)
			13.2.3.1.1 Identify project re			13.3.1.5	-	uality plan (17481)
			objectives (11117		13.3.2		•	e to requirements (17482)
			13.2.3.1.2 Identify project re			13.3.2.1	_	st quality plan (17483)
			requirements (164	112)			13.3.2.1.1	Conduct test and collect data (17484)

			13.3.2.1.2	Record result(s) (17485)			13.4.1.12	Determine degree/extent of impact (20144)	
			13.3.2.1.3	Determine disposition of result(s) (17486)			13.4.1.13	Establish accountability for change management (11148)	
		13.3.2.2 Assess results of tests (17487)				13.4.1.14	Identify barriers to change (11149)		
			13.3.2.2.1	Assess sample significance (17488)			13.4.1.15	Determine change enablers (11150)	
			13.3.2.2.2	Summarize result(s) (17489)			13.4.1.16	Identify resources and develop measures (11151)	
			13.3.2.2.3	Recommend actions (17490)		13.4.2	Design th	e change (11135)	
			13.3.2.2.4	Decide next steps (17491)			13.4.2.1	Assess connection to other initiatives (11152)	
	13.3.3	Manage		nance (17492)			13.4.2.2	Develop change management plans (11153)	
		13.3.3.1	•	tential impact (17493)			13.4.2.3	Develop training plan (11154)	
		13.3.3.2	Determine	immediate action(s) (17494)			13.4.2.4	Develop communication plan (11155)	
		13.3.3.3	Identify ro	ot cause(s) (17495)			13.4.2.5	Assign change champion(s) (20145)	
		13.3.3.4		ctive or preventative action (17496)			13.4.2.6	Develop rewards/incentives plan (11156)	
		13.3.3.5	Close non-	conformance (17497)			13.4.2.7	Establish change adoption metrics (11157)	
	13.3.4	Implement and maintain the enterprise quality				13.4.3	13.4.2.8	Establish/Clarify new roles (11158)	
		-	management system (EQMS) (17498)				13.4.2.9	Identify budget/roles (11159)	
		13.3.4.1	, , , , ,				Implemer	nt change (11136)	
		13.3.4.2	goals (175				13.4.3.1	Create commitment for improvement/change (11160)	
		13.3.4.3	metrics (17				13.4.3.2	Reengineer business processes and systems (11161)	
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		13.3.4.5		EQMS performance (17503)			13.4.3.4	Monitor change (11163)	
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