

KeyActivities

Audit planning

- Gaining detailed understanding of your organisation.
- Identificationofkeybusinessprocesses supportingpatient service.
- Identification of business risks at unit and organisation wide level.
- OrganisingworkshopsatunitandHOlevel todiscuss keybusinessprocessesandriskratingto attain common understanding Identification of operational processes to be audited (audit wish list).
 Discussion with unit heads and HO to prioritise audits.
- Final internal audit plan
- Engagement letters

Audit execution

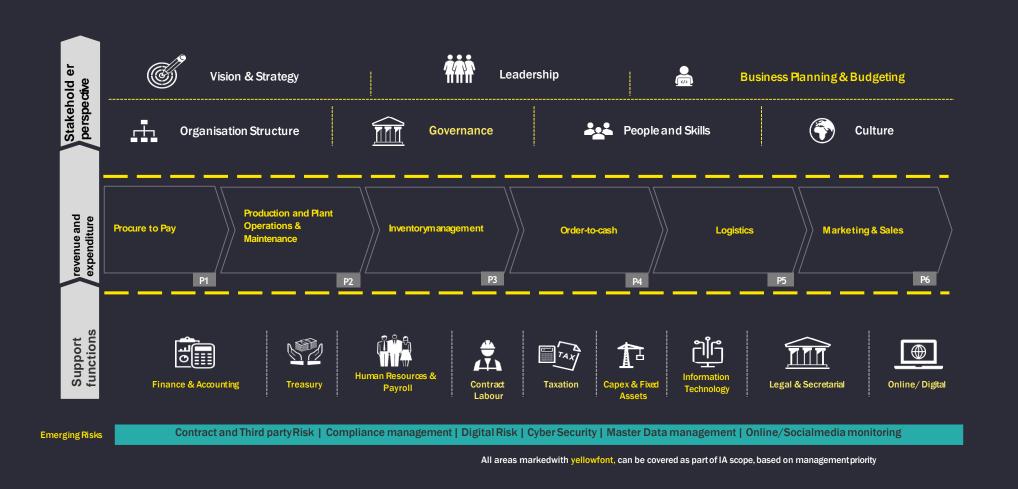
- Detailedscopingforeachauditin discussion with process leaders, FCs and HO to identify key focus areas.
- Conductingdetailedprocess
 walkthroughs, documentation, risk &
 controls identification Continuous
 discussionwithmanagementat unit
 and HO.
- Identification of issues, risks, implications,recommendations and discussionwith processleaders.
- Benchmarking of processes with leading Engineering practices.
- Engagement scoping document
- and timelines Regular audit updates
- Audit workpapers and audit issues

Reporting

- Providingdetailedauditissuesand supporting evidenceto process leaders at unit and managementformanagementcomments.
- Submitfinalauditreporttounit,HO
- and audit committee.
 Formation of recommendations implementation roadmapin
- consultationwithunitandHO.
 Summary reporting to audit committee and presentation.
- Obtainfeedback.
- Findings and recommendations report for management comments
- Final report for management and audit committee
- Practical recommendations and implementation roadmap
- Team of professionals with extensive experience in Engineering audits.
- Continuous project reviews by partners and directors of the firm to ensure quality and client satisfaction.

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Business Landscape



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ndicative

Area	Indicative Focus Area		
	Process Documentation	Review and document the end-to-end production and operational processes. Create process flowcharts that visually represent each step, inputs, outputs, decision points, and interactions between different stages and how they are entered in SAP. Identify key personnel responsible for each step.	
	Efficiency and Productivity Evaluation	Analyse cycle times, lead times, machine utilization, production rates, and labour productivity. Compare actual performance against established targets or benchmarks.	
	Quality Control and Assurance	Review procedures for identifying defects, conducting inspections, and managing non-conformities. Assess how corrective and preventive actions are implemented.	
Production and Operation Review	Inventory Management	Review inventory management practices, including procurement, storage, and distribution. Analyze inventory turnover rates, carrying costs, and the alignment of inventory levels with demand patterns.	
	Cost Analysis	Conduct a comprehensive analysis of production costs. Evaluate direct costs (raw materials, labor) and indirect costs (overhead, maintenance, utilities). Identify areas where costs can be reduced without compromising quality.	
	Supply Chain Assessment	Assess the integration of the supply chain within the production process. Review supplier relationships, lead times, and logistics efficiency. Identify potential risks and vulnerabilities in the supply chain.	
	Technology and Automation	Evaluate the utilization of technology, automation, and digital tools in production. Assess how technology enhances efficiency, accuracy, data collection, and decision-making.	
	Follow-Up and Monitoring	Monitor the implementation of recommended improvements and track their impact on operational performance. Continuously review KPIs to ensure sustained improvements over time.	



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Area	Indicative Focus Area			
	Data Collection	Gather detailed data on inventory items, including product descriptions, SKUs, quantities on hand, lead times, turnover rates, costs, and sales history.		
	ABC Analysis	Apply the ABC analysis method to categorize items based on their value. Classify items as A, B, or C based on their contribution to revenue or cost. A-items are high-value, critical items; B-items are moderate-value; and C-items are low-value, often high-quantity items.		
	Inventory Turnover	Calculate inventory turnover rates for each item. This metric indicates how often inventory is sold and replenished within a specific period. Analyze high turnover items to ensure proper availability and identify slow-moving items that might require adjustments.		
Inventory Review	Supplier Performance	Evaluate supplier performance in terms of on-time deliveries, lead time adherence, and product quality. Suppli issues can disrupt inventory availability.		
	MPR Review	Analyze the MPR process, including the accuracy of material requests, reasons for requests, and adherence to approval workflows.		
	Material Flow Analysis	Map out the movement of materials from the point of MPR creation to delivery and receipt. Identify potential bottlenecks or delays in the process.		
	Carrying Costs	Calculate carrying costs, including storage, insurance, obsolescence, and interest. High carrying costs might warrant reducing inventory levels.		
	Deadstock Analysis	Identify items that have become obsolete or are not moving. Develop strategies to dispose of or repurpose deadstock.		
	Inventory Software and Technology	Evaluate the effectiveness of inventory management software and technology in tracking and managing inventory levels.		



Proposed Scope and Coverage – Standard reviews (3.1/5) Indicative

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Indicative Focus Area		
General SAP Controls	 SAP user access and authorization controls. Segregation of duties (SoD) analysis. User roles and responsibilities. 	
Data Integrity and Accuracy	 Verification of data accuracy and consistency across modules. Assessment of data entry and validation procedures. Data reconciliation between SAP and external systems. 	
Financial Modules	 Financial accounting (FI) and controlling (CO) modules. Validation of financial transactions, ledgers, and reporting. Journal entry controls and posting procedures. 	
Procurement and Supply Chain	 Purchase-to-pay processes. Vendor management and master data. Inventory management and valuation. 	
Sales and Distribution	 Order-to-cash processes. Customer master data and credit controls. Pricing and rebate agreements. 	
Human Resources Management	 Employee master data and personnel administration. Payroll processing and controls. Time management and leave tracking. 	
Production and Manufacturing	 Bill of materials (BOM) management. Production planning and scheduling. Shop floor controls and work order management. 	
Security and Access Controls	 User provisioning and deprovisioning. Role-based access controls (RBAC). Audit trails and monitoring of critical actions. 	
	Data Integrity and Accuracy Financial Modules Procurement and Supply Chain Sales and Distribution Human Resources Management Production and Manufacturing Security and Access	



Proposed Scope and Coverage – Standard reviews (3.2/5)

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Area	ı	Indicative Focus Area		
		Compliance and Governance	 Regulatory compliance (industry-specific regulations). Internal policies and controls adherence. Data privacy and protection measures. 	
		Reporting and Analytics	 Review of financial and operational reports. Data extraction and report generation controls. Accuracy and timeliness of reporting. 	
		Master Data Management	 Maintenance of master data records. Data quality controls and data governance. 	
	SAP Review	Change Management	 Change request and approval processes. Documentation of system changes and configurations. 	
SAP Re		Disaster Recovery and Business Continuity	 Contingency plans for SAP system disruptions. Data backup and restoration procedures. 	
		Integration with External Systems	 Interfaces and data exchange with third-party systems. Data mapping and validation for integrations. 	
		User Training and Awareness	 Adequacy of user training programs. User awareness of security best practices. 	
		Vendor and Third-Party Management	 Evaluation of SAP implementation partners and vendors. Security measures in place for third-party access. 	

Area	Indicative Focus Area		
Compliance	Regulatory Compliance Export Controls and Trade Compliance Financial Transactions and Reporting	Assess compliance with all relevant commercial laws and regulations at the local, national, and international levels. Verify that licenses, permits, and certifications required for commercial operations are current and valid. Review international trade activities to ensure compliance with export control laws and sanctions. Confirm adherence to customs and import regulations. Examine financial transactions for accuracy and compliance with accounting standards (e.g., GAAP or IFRS). Verify compliance with tax laws and reporting requirements.	
Review	Documentation and Recordkeeping	 Ensure accurate and complete recordkeeping practices, especially related to commercial transactions and compliance activities. Confirm retention and disposal of records in accordance with legal requirements. 	



Area	Indicative Focus Area		
	Sales Process Analysis	Map out the end-to-end sales process, from lead generation to order fulfilment. Identify each stage of the process, touchpoints with customers, and interactions between sales teams and other departments.	
Sales Review	Customer Relationship Management (CRM)	Evaluate the utilization and effectiveness of the CRM system. Assess how well the system supports lead tracking, customer interactions, sales forecasting, and data analysis.	
	Sales Metrics and Analytics	Analyze sales performance metrics, including conversion rates, win/loss ratios, average deal size, and customer acquisition cost. Identify trends and patterns in sales data.	
	Sales Incentives and Compensation	Assess the structure of sales incentives and compensation plans. Review whether these plans motivate sales teams effectively and align with organizational objectives.	
	Recommendations and Reporting	Based on the audit findings, compile a comprehensive report that outlines observations, findings, and actionable recommendations. Prioritize recommendations and provide clear steps for implementation.	



Detailed Audit Procedure – Standard reviews (1/2)

Area	Indicative Focus Area	Area	Indicative Focus Area
Production and Plant operations & operations & maintenance	 Production Planning Productionorderprocessingandclosure ProductionEfficiency, CapacityUtilization, andMachineidling Machineidling Yield Monitoringand variance analysis Review of Work in progress Review of production MIS Bill of Material Controls Consumption booking Production declaration Throughput parameters – OEM vsActual Preventivemaintenanceplanning&calendar Comparisonbetween preventive vis-à-vis breakdown breakdown maintenance Review of Quality control procedures MachineMaintenanceanddowntime 	Order to Cash	 Customer on-boarding and agreements Compliance to Authority Matrixin customer on-boarding boarding Sales planning Pricingprocessandmastermaintenance Discounts and commissions Lead conversion and monitoring Product contribution monitoring Sales orders creation and monitoring process Collection Process Write offs and provisioning of doubtful debts Invoicing and Revenue recognition accuracy Customer complaints and returns handling Scrap sale process
Procurement (Procure to Pay) Pay)	 Reviewof procurement/Commercial Policyanddelegation of delegation of Authority matrix Reviewofvendoridentificationandselectionprocess process Reviewofvendormastermaintenanceandupdate ReviewofprocessofpurchaseRequirement(PR)& & Procurement Planning ReviewoforderingProcessReviewofprocurementofservices of services availed from external parties Reviewof gate entry, weighment and stores recording recording procedures Reviewof aging of open invoices / GRIR account Review of vendor evaluation / SLA & KPI monitoring monitoring Reviewof recordingandreconciliation of payables Reviewof processing of payment liabilities and advances advances Reviewof contractwith thirdpartymanufacturer/contract contractmanufacturer 	HR and Payroll	 Manpowerplanning, recruitment, onboarding and separation separation Employee joining documentation review Employee Master Management Payroll processing Compliances to HR and Payroll Policies Payroll Master Management Attendance and leave management process Employee separation / exit process Employee training and development Performance appraisal and bonus Reviewoftracking of overtime and pay-outs Swift Vincom LLP

Detailed Audit Procedure – Standard reviews (2/2)

Area	Indicative Focus Area
Inventory Managem e nt	 Material Master Management Materialsissue requisitioning, approvalandissueprocess process Consumption of inventory (Reviewof consumption pattern of inventory) Physical controls for inventory verification Inventory adjustment and approval process Reviewof spares inventory management Inventorylevel management (incl. monitoring of slow, nonmoving non moving, obsolete inventory) Reviewof obsolete/ damaged stockwrite of fand disposal disposal process
Capex and Fixed Fixed asset	 Capex Budget Approvals Project Managementfor Capex Fixed Assets Management (utilization) Capital WIP, Accounting, Capitalization Transfer of assets from one location to other Scrutiny of Fixed Asset register Physical verification of assets (on a sample basis) Depreciation of Assets Sale/ Disposal/ Write off Fixed Assets
Logistics	 Vendor selection and agreements Ratenegotiationsandrevision Logistics planning and deployment Bill certification Freight provisions Detention and Demurrage Transport documentation Vendor Evaluation

Area	Indicative Focus Area
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Statutory Complian c es	 Reviewtheprocessofupdationofcompliancechecklistw.r.t. checklist w.r.t. amendments to Law and Regulations Reviewof compliancetool, if deployed Review the process of defining Compliance Responsibility Responsibility Reviewthelevelofdocumentationmaintainedonthebasisof the basis of whichdeclaration is conducted Timelysubmissionofreturnsasapplicable(forsample sample compliances) Reviewof Sample complianceacts
Finance & Accounts Accounts	 Booking of Expenses Monthly Closure Process Documentation Control GL Masters-Creation and Modification GLscrutiny (Selected GLs) Provisions and Accruals Manual JV Spreadsheet Controls Month end close process Financial statement preparation and finalization process process Petty cash management
Marketing and Media Spends	 Review of policies and brand manuals Review of KPIs and other incentives Reviewofpromotionstrategies of newly developed products products Reviewof ROI (returnon investment) Reviewof expenditures on special events and promotions promotions Budgets prepared vis-s-vis actual spent Reviewof processof agency selection and SLA monitoring



Detailed Audit Procedure - Thematic reviews

Indicative

Area	Indicative Focus Area (Thematic Reviews)	Area	Indicative Focus Area (Emerging Reviews)
E-Commerce/ Online Business review	 Sales planning and budgeting Reviewof tie-ups/contractswith E-commerce agencies agencies Sales incentives/ KPIof the sales/ marketing team Reviewof selection of SKU for online sale Reviewoflogisticsandsupplychannel forE-commercedeliveries commercedeliveries Review of customer complaint and sales return 	BU deep-dive	 Customer on-boarding and agreements Compliance to Authority Matrix in customer on-boarding boarding Sales planning Pricingprocessandmastermaintenance Discounts and commissions Lead conversion and monitoring Product contribution monitoring/ROI Sales orders creation and monitoring process Collection Process Write offs and provisioning of doubtful debts
New Product Development/ Product innovation/ Product lifecycle lifecycle Management Review	 Review of identification of need for NPD Review of new product roll out plan Review of promotional plan for NPD Review of ROI on NDP/ Product innovation Product lifecycle management 		 Invoicing and Revenue recognition accuracy Customer complaints and returns handling Scrap sale process
Contract Labour Management	 Process of contractor selection Adherence to labour laws and other statutory regulations Payment of statutory dues like PF, ESI, PT Attendance Management (contract labour) Service Entry Sheet creation Bill Certification (including proof of service) Adherence to SLAs by contractors 	Employee/ Salesforce expense expense review	 Reviewofreimbursementpolicyandallowableexpenses expenses Process of claim and approval Swift Vincom LLP

Abhishek Mittal

Risk Leader

Quality Assurance Partner

- Quality Assurance by Partner Independent of Project Team
- Core team members have prior experience in the sector and auditing in ERP environment

Core IA Team CA/ MBA's **Engagement Partner** M.com, Executive People **Engagement Director Experienced Personnel Senior Manager**

Cross functional delivery team (CAs, MBAs, IT, etc.)

