

SAP S/4 HANA Public Cloud Implementation Business Blueprint (BBP) Document

Materials Management (MM)

Prepared by Altrocks Tech Pvt Ltd

Document Control

General Document Information

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Document Approval Authority

Undersigned acknowledge that they have reviewed SAP MM Business Blueprint Document and agree with the approach it presents. Changes to this SAP MM Business Process Document will be coordinated with and approved by the undersigned or their designated representatives

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1. ABOUT Suryadev Alloys & Power Pvt.Ltd

Suryadev Alloys and Power Private Limited is a leading integrated steel manufacturer established in 2006. Its mission is to provide the highest quality steel products at affordable prices. The company's flagship brand, 'Suryadev TMT', represents strength, quality, and integrity, and has been trusted by leading developers, architects, contractors, and engineers alike. Suryadev's TMT bars are manufactured using Quenching and Self-tempering (QST) technology with stringent quality control and the best industry standards. Suryadev's state-of-the-art steel plant is the first Greenfield THERMEX facility in Tamil Nadu and has a manufacturing capacity of over 0.6 MTPA.

The company also owns and operates a 160 MW thermal power plant that supplies uninterrupted power to the steel plant and distributes power to other captive users at competitive prices. While Suryadev has the vision to be the market leader in the steel industry, the enterprise is equally committed to giving back to society.

Suryadev Serving Products

- TMT Bars – 550, 500D, 550D, HSCRS
- Mild Steel Billets
- Sponge Iron (Direct Reduced Iron)
- Power – CPP & TPP

2. OBJECTIVE OF THIS DOCUMENT

This document summarizes the findings of the consulting team, which conducted requirement analysis of Suryadev Alloys and Power Pvt.Ltd for SAP S/4HANA system. This information was gathered through discussion with core users as well as through review of business processes, business procedures, documentation, and relevant reports.

Immediate purpose of the analysis is to prepare and move forward rapidly with the implementation of SAP S/4HANA systems at Suryadev Alloys and Power Pvt.Ltd. At the conclusion of business blueprint document, functional consultant will determine the SAP functionality required to run Suryadev Alloys and Power Pvt.Ltd.

Business blueprint reiterates SAP S/4HANA organizational structures that have been identified and will serve as the basis for the initial configuration activities. Blueprint and its associated appendices present a summarized perspective of all functional business processes that will be implemented. Blueprint document will serve from this point forward the dual role of both official project scope as well as system acceptance criteria.

Business Blueprint Document offers solid foundation to support organizational change and the current business processes reviewed and discussed.

Business processes will be demonstrated, reports on test or demo data to ensure that the Suryadev Alloys and Power Pvt.Ltd business users find it easier to relate the same. Based on discussions, various business processes will be documented that needs to be addressed by the configured SAP system.

The purpose of this report is to confirm the understanding of these business scenarios, which will form the basis of system specifications.

3. SCOPE OF THIS DOCUMENT

SAP MM Business Blueprint is a detailed description of Suryadev Alloys and Power Pvt.Ltd business processes and system requirements. It is a key implementation document.

SAP MM Blueprint document shows all the important configuration setting to adapt the SAP S/4 Hana to Company Needs.

In the Business Blueprint,

- Study of the Company processes has been carried out with the business process owners and the proposed solution has been formulated.
- This document is the confirmation of the Enterprise Structure, Key Document Structure, Business Processes (Master Data, Reports, Supplier Management, Sourcing Assignment, Purchasing, Inventory and so on).

4. INTRODUCTION OF MATERIALS MANAGEMENT

SAP Materials Management (MM) is an SAP S/4 HANA Solution that ensures organized and structured processes associated with materials management. SAP MM enhances a professional's ability to handle the solution towards effective management of materials.

SAP MM module, as the term suggests manages materials required, processed and produced in Enterprises. Different types of procurement processes are managed using this system. Some of the popular sub-components in SAP MM module are material and supplier master data, purchasing, inventory management, invoice verification and so on.

One of the most important SAP Modules where MM is Materials Management underpins the supply chain, including Purchase orders, Goods receipts, Accounts payable.

Materials Management module (SAP MM) consists of all master data, system configuration, and transactions to complete the Procure to Pay process. This process map spans from Purchase Requisition through final invoice receipt and verification.

5. BUSINESS AREAS

High-level enterprise view is provided below per the BDC document. It may or may not be subscribed in Suryadev Alloys and Power Pvt Ltd scope of work, yet sharing all the business areas for study and reference purpose.

1. Organizational Structure
2. General Settings
3. Master Data
4. Master Data Integration
5. Purchase Requisition Process

6. Purchase Order Processing
7. Sourcing and Procurement
8. RFQ & Quotation Process
9. Procurement Analytics
10. Procurement of Direct Materials
11. Service Purchasing
12. Stock Transfer Process
13. Subcontracting Process
14. Integration
15. Logistics Execution
16. Import Procurement Process
17. Partner Determination
18. Pricing Procedure
19. Purchase order & Requisition Approval
20. Physical Inventory
21. Reports & Forms

6.ORGANIZATION STRUCTURE

Determining Organization Structure (OS) in SAP is a fundamental process of any implementation project. This document is mainly determined by the business scenarios performed in an industry. Once the Organization Structure in SAP is determined by the process owner, it will be linked to many things such as how to perform a transaction and generate reports within SAP.

Business to ensure that the organization structure in SAP is designed in the implementation project can accommodate all business scenarios and enterprise's requirements for current and future situation. In simple terms, organization structure in SAP represents the organizational hierarchy of a business. It requires great effort to change the organization structure in SAP, and some things cannot be changed!

Refer below Organization Structure of MM.



Surya Dev V1 3.vsdX

7.KEY DOCUMENT STRUCTURE (KDS)

In SAP MM module, KDS list helps Suryadev Alloys and Power Pvt Ltd to gain better understanding on the technical side of the project.

Refer below KDS document of Suryadev Alloys and Power Pvt Ltd



MATERIAL
MANAGEMENT - KDS

8.PROCESS SCOPE

Business processes or scope items that are approved are attached below, indicating whether they are in or out of scope of this business scenario/business area.

Refer below Final Business Driven Configuration (Scope) Document:



SAP MM - S4H BDC
Questionnaires.xlsx

9.RELEVANT PROCESS FLOWS OF MM

SAP MM's process flow diagram is attached below, which is a series of charts that presents the necessary steps in a particular process.

To help you to relate and map the scopes, Altrocks had carefully incorporated some of the scope IDs also.



MM Process Flow
Chart.pdf

10.MASTER DATA

In SAP MM module, master data are

- Material Master
- Vendor Master
- Purchase Info Record
- Source List
- HSN Master

11.Solution Document.



Suryadev_Requireme
nts_&_SAP_Solution_I

12.MM Reports & Forms List



Suryadev_Purchase
_Reports & Forms.xls