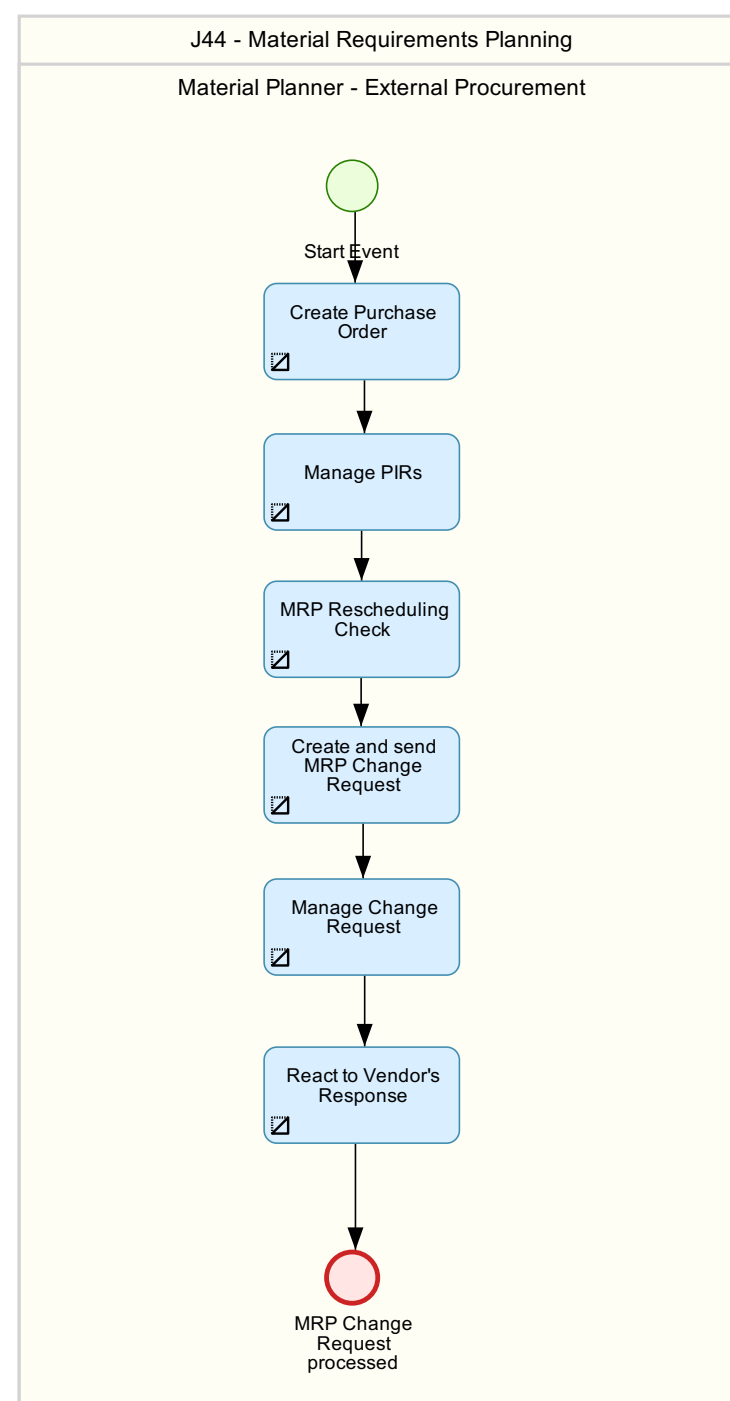# Material Requirements Planning (J44)

This scope item supports the following processes:

Material Requirements Planning

Situation Handling MRP Material Exception

SAP S/4 HANA < J44 - Material Requirements Planning >

Inventory Manager	Material Planner - External Procurement

Material Planner - External Procurement

Situation Handling - MRP Material...

(Start Event)

Maintain Planned Independent Requirements (PIRs)

Run Material Requirments Planning (MRP) and Firm Purchase Requisition

Inventory Manager

Manage Stock to increase inventory

Detect MRP Situations for Material Exceptions

Check and React to MRP Material Exceptions

(End Event)

MRP Material Exception resolved