S.No.	Page / Section	Data Field	Source of Data	Required	Data Type	Validation	Action	Remark	Information Tag	Date of Change	Change
1	IE Login										
2	IE Dashboard	Card - Inspection Pending No.	Auto calculated by SARTHI					Filters & Search rquired on basis on Product Type, Vendor, Date Range , PO , Inspeciton Status (Pending, Scheduled, Under Inspection)and all other relevant master data	-	17.11.2025	Correction
		List - Inspection Pending	list of all Inspeciton Call requested by Vendors and marked for that particular IE for Inspection and are pending , Scheduled for Inspeciton, Parked for CM approval, Under Inspection. List shows all the relevant data of that Inspection Call				Schedule , Return, Initiate Inspection for one / mulitple inspeciton calls				
		Card - Inspection Competed	Auto calculated by SARTHI				-				
		List - Completed Inspection	list of all Inspeciton Call Completed and IC have been issued				Report generation, Fetching of IC and Data				
		Card - IC Pending	Auto calculated by SARTHI				-				
		List - IC Pending	List all the inspection which have been completed but IC have not been Issued				Issue IC / Correction to IC	Apart from Filters, List should have option to show / search already issued IC and to take action of Issue Correction Slip to that IC			
		Card - IE Performace	Displays performance KPIs: a. Acceptance / Rejection % b. Response Time to Inspection Calls c. Scheduling Delay (Days) d. Call Cancellation e. Delay in issuance of IC after completion of inspection							17.11.2025	Addition
		Charts & Tables	-								
3	Inspection Initiation Page (Open on selecting a one / many pending inspection calls)	Main PO Information attached to Call Reuested by Vendor 1. PO Number 2. PO Date 3. PO Ammd. No. / No.s 4. PO Ammd. Dates 5. Product Name (Item Description) 6. PL No. 7. Vendor Name 8. Purchasign Authority 9. BPO 10. PO Quantity	Auto fetched from the data of PO got from IREPS for which Vendor has raised inspection Call			PO Date <= Today		All information must be verified as correct by IE and then only he/she may proceed to next page		17.11.2025	Correction & Addition

| 3 | Inspection Initiation Page (Open on selecting a one / many pending inspection calls) | **Details of PO item No. for which Inspection call has been marked:** **Shift of Inspection (manual)** Date of Inspection (auto in case of A,B, G) but incase of C manually sected from today or yesterday's date

1. Inspection call No.
2. Inspection Call Date
2. PO Item / Sr.No.
3. Product Name
4. Product Type
5. PO Qty
6. Call Qty
7. **Offered Qty. (Manual Entry)**
7.a --> Checkbox (approval received from CM)
8. Delivery Completion Period
9. Rate
10. Place of Inspection
11. Stage of Inspeciton
12. IC Numberof Previous Stages uploaded by Vendor
13. Remarks for Inspection Call by Vendor | Auto fetched from data entered by Vendor for this inspection call, except Offered Qty, Shift and Date of Inspeciton | | | Offered Qty < Call Qty : Not allowed

Offered Qty. = Call Qty: allowed

Offered Qty > Call Qty : allowed after checking check box | All information must be verified as correct by IE and then only he/she may proceed to next page | | PO History Related to a particular PO or Sub PO & History of that particular vendor (Previous Calls) | 17.11.2025 |

		Details of Sub PO in case inspeciton call is requeted for Raw Material / process: 1. Raw Material Name 2. Sub PO Number 3. Sub PO Date 4. Contractor 5. Manufacturer 6. Place of Inspeciton 7. Bill Paying Officer 8. Consignee 9. PO Qty 10. Call Qty 11. Offered Qty. 12. Rate 13. Place of Inspection 14. Inspection Call Remarks by Vendor	Auto fetched in case Vendor has has given some inputs for these required infomration while requesting inspection				All information must be verified as correct by IE and then only he/she may proceed to next page		
4	ERC Raw Material Inspection Main Module - Opens if the Product Type is ERC and Stage of Inspection is 'Raw Material Inspection' Header with Static Data	PO or Sub PO Data (No.&Date) Contractor Name Manufacturer Place of Inspection Stage of Inspection	Auto Fetch						
	ERC Raw Material Inspection Main Module - **Pre Inspection Data Entry**	Source of Raw Material	Dropdown from Approved Raw Material Masters	Requried	Dropdown				
		Heat No.	Manual Entry	Requried	String			multiple Heat No. can be added	
		Wt. of Material for each Heat in MT	Manual Entry	Requried	Float				
		Total Quantity of Raw Material (all heats) in MT	auto calculated						
		No. of Bundles	Manual Entry	Requried	Integer				
		No. of ERC (which has to be inspected)	Autofetch from Inspection Call						
		Test Certificates of Raw Material	Manual Entry	Requried	String			multiple test certificates can be added for same or different heat no.	
		Date of Certificate	Manual Entry agaisnt each test certificate	Requried	Date				
		No. of Heats	auto calculated on basis of Heat Numbers entered						
		Color Code	Manual Entry	Requried	String				
5	**Calibration & Document Verification Sub Module** inside ERC Raw Material Inspection Main Module	page covers the calibration information of all the instruments used during the inspection of Raw Material & document verification of that particular vendor	To be explained					Vendor can also access this sub module to enter the calibration data. IE can verify information in this module and can also give his remark against each point	

6	**Visual & Dimensional Check Sub Module** inside ERC Raw Material Inspection Main Module	Visual Check is done for each heat no. entered on main moudle. After visual inspection, multiple check box selection is done for defect type for each heat.	Defect -Manual Selection	Requried	Checkbox: i.No Defect ii.Distortion iii.Twist iv.Kink v.Not Straight vi.Fold vii.Lap viii.Crack ix.Pit x.Groove xi.Excessive Scaling xii.Internal Defect (Piping, Segregation)		In case rejection number is more than 1 per heat then that heat is rejected.	Rejection numbers are auto populated in the final inspection results on main module and rejection decision is given automatically	
		Number of defective pieces For each selected defect number	manual entry	Requried	Integer				
		Standard Dia of rod (mm) MK III - 20.64mm Mk-V - 23mm	auto fed on basis of product type						
		Dmension Check is also done for each heat no. entered on main module. 20 entires of bar diamter (mm) are entered m		Requried	Float	MK III: 20..47 -20.84 MK V: 22.81 - 23.23	If more than one pieces are outside range, then that heat is rejected	Rejection numbers are auto populated in the final inspection results on main module and rejection decision is given automatically	
7	**Material Testing Sub Module** inside ERC Raw Material Inspection Main Module Material Testing is done for each heat no. entered on main moudle. 2 Samples per Heat	% C	Manual entry	Requried	Float	0.50-0.60	if any data is outside the tolerance then complete heat is rejected		
		% Si				1.50-2.00			
		%Mn				0.80-1.00			
		%P				0.030 Max			
		%S				0.030 Max			
		Grain Size				should be more tha or equal to 6			
		Inclsuion Rating (Type)	Manual Entry	Requried	Dropdown				
		Inclsuion Rating (A)	Manual Entry	Requried	Float	should be less or equal to 2.0			
		Inclsuion Rating (B)	Manual Entry						
		Inclsuion Rating (C)	Manual Entry						
		Inclsuion Rating (D)	Manual Entry						
		Hardness (HRC)	Manual Entry	Required	Float	-			
		Depth of Decrab	Manual Entry	Required	Float	should be less than equal to 0.25mm	if any data is outside the tolerance then complete heat is rejected		
8	Reports	Report formt will be sahred							
9	Final Inspection Reuslts Main Module (auto populted)	Heat No. Accpeted or Rejected along with the Weight of Material of that Heat	auto fethced from sub modules	Required					
		Remarks	Manual Entry	Required	string				