

| • | 3D-Report | 5D-Report | ∘ 8D-Repo | rt | Last update; | | |
|--|--------------|--|-------------------------------|-----------------|--------------|--|--|
| Supplier | | | Customer | MELECS EWS GmbH | | | |
| Contact person | 1 | | Contact person | | | | |
| E-Mail: | | | E-Mail: | | | | |
| Telephone No | | | Telephone No | | | | |
| Supplier. Part No. | | | Melecs Part No. | | | | |
| Supplier. complaint No. | | | Melecs complaint No. | | | | |
| Supplier. Notification Date | | | Others | | | | |
| 1D | | TEAM | | | | | |
| Team leader | | | | | | | |
| Team Members | Team Members | | | | | | |
| 2D | | PROBLEM DESCRIPTION | ote: | | | | |
| - Establish problem description using repeated Why's Does the review team understand the problem? - Does the management review tem understand the basic problem? - If not skip the next questions and ask if a plan has been identified to collect "What-Where-When-How Big Total affected quantity Total rejected quantity | | | | | | | |
| | quantity | | Total rejected quantity | | | | |
| Date code | | CONTAINMENT ACTIONS | | | | | |
| Actions | | CONTAINMENT ACTIONS | Responsible | Date | State | | |
| | | | | | | | |
| Note: - Do we need to take immediate action to contain this issue? - Review immediate containment action plan and problem description Stop Defect at each point in the process back to the source - Has a containment plan for service been developed?) Do Not Proceed to the next step until all questions are answered satisfactorily! | | | | | | | |
| Verification | | | | | | | |
| | | Note: - Verify the acti | ion taken is fully effective | | | | |
| Validation | | | | | | | |
| | | Note: - Validate the act | tion taken is fully effective | | | | |
| 4D | | ROOT CAUSE ANALYSIS | | | | | |
| Occurrence | | Note: - Occurrence is the actual concern, what went wrong and why - Has the causal part been identified? - Has the failure mode been identified? - Has the failure mechanism been identified? - What investigation was done to identify the rootcause? - Did the investigation lead to improved problem description? - Determine why the problem escapes to the customer? - What is the difference and what changed? | | | | | |
| Detection | | Note: - Escape is why the MELECS plant experienced the occurrence, why did the occurrence escape from the supplier quality system? - Determine why the problem escapes to the customer? | | | | | |
| | | - Determ | | ustomer? | | | |
| Verification Occ | currence | - Determ | | ustomer? | | | |
| Verification Oct | | - Determ | | ustomer? | | | |



Add 5WHY

Do Not Proceed to the next step until all questions are answered satisfactorily!



| 5D | Permanent corrective ACTIONS | | | | | | |
|--|--|-------------------------|----------|-------|--|--|--|
| Action/ | | Responsible | Date | State | | | |
| Occurrence: | | | | | | | |
| Note: -Must address Root Cause path (occur/escape) Action which permanently eliminates the root cause of the problem. Do not confuse activity with a plan to eliminate root cause Have different alternatives been examined as possible corrective actions? - What verification will be used to verify corrective actions? - What resources are required to execute the plan? - Did the management team allocate required resources to execute the plan? - Has a plan for service stock been developed? Please DESCRIBE and COMPARE the before-after status! | | | | | | | |
| Detection; | | | | | | | |
| | Do Not Proceed to the next step until all questions are answered satisfactorily! | | | | | | |
| 6D | EFFECTIVENESS CHECK | | <u> </u> | | | | |
| | | Responsible | Date | State | | | |
| Way of Effectiveness check: | | | | | | | |
| a, Verification occurrance: | | | | | | | |
| b, Verification Detection: | | | | | | | |
| 7D | PREVENTIVE RE- OCCURANCE: | | | | | | |
| Note: - Has the team Identified the system, practices, procedures and specification standards that allowed the problem to Occur and Escape? - What actions permanently eliminate the root cause of the problem? - What specifics documents & process change has been instituted? - Does the Management team concur with which documents have been changed? - Does the Management team concur with actual changed proposed for the documents | | | | | | | |
| Control Plan updated: | | Date: | | | | | |
| FMEA Update: | | Date: | | | | | |
| Standard work instroction updated: | | Date: | | | | | |
| Work instruction update: | | Date: | | | | | |
| Across locations: | | Date: | | | | | |
| Others: | | Date: | | | | | |
| Could this failure mode occur at other products/processes? | | If yes what is planned: | | | | | |
| 8D PROJECT STATUS | | | | | | | |
| 8D Project Finished: | Note: Thank the team after each presentation. Make a special effort to reward a team that has successfully completed all seven steps of the 8D process! | | | | | | |
| Date, Name: | | | | | | | |