|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Cause** |  |  |  | **Effect** |
|  |  |  |  |  |  |
| |  | | --- | |  | | ***Machine*** | ***Method*** | ***Man*** |  |  |
|  | Module Forward diode fail | DC cable Laying on surface and loose crimping | Unskilled workforce working |  |  |
|  |  |  |
|  | EL in module | DC cable insulation scratch during laying | Insulation damage During daily activity like grass cutting and module cleaning |  | ***Problem: - DC Cable burn*** |
|  |  |  |  |  |
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|  |  |  |  |  |
|  |  |
|  | DC Cable insulation is not appropriate for Current rating | Stress on cable due to short length | Water ingress in the conduit pipe |  |
|  |  |
|  | Dressing tie quality is not appropriate | Short Looping of the cable during dressing |  |  |
|  | Water ingress in the Connector |  |  |
|  | ***Materials*** | ***Measurement*** | ***Environment*** |  |  |
|  |  |  |  |  |  |