**Appendix 5– General SCALANCE X SNMP Trap List**

All of alarms listed on the table below are applied on both Wayside and Rolling Stock Access Switch.

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| --- | --- | --- |
| **Alarm Category** | **Event Name** | **Description** |
| Warning | Link Change | This event occurs only when the port status is monitored and has changed. |
| Authentication Failure | This event occurs when attempting access with a bad password. |
| Power Change | This event occurs only when power supply lines 1 and 2 are monitored. It indicates that there was a change to line 1 or line 2. |
| RM State Change | The redundancy manager has recognized an interruption or restoration of the ring and has switched the line over or back. |
| Loop detection | A loop was detected in the network segment. |
| Spanning Tree Change | The STP or RSTP topology has changed. |
| Fault State Change | The fault status has changed. The fault status can relate to the activated port monitoring or the power supply monitoring. |
| Event | Cold/Warm Start | The device was turned on or restarted by the user. |
| RMON Alarm | An alarm or event has occurred relating to the remote monitoring of the system. |
| Standby State Change | A device with an established standby connection (master or slave) has activated or deactivated the link to the other ring (standby port). The data traffic was redirected from one Ethernet connection (standby port of the master) to another Ethernet connection (standby port of the slave). |