



**Procedure for using the EGSE of the Latch mechanism**

**SMEC ELECTRICAL HANDLING  
PROCEDURE**

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## Procedure for using the EGSE of the Latch mechanism

### 1. GENERAL ASPECTS

This document describes the precautions that have to be taken for the handling of the SMEC mechanism.

### 2. DESCRIPTION

The electrical components of the preamplifier board being sensitive at the ElectroStatic Discharge (ESD), the handling of the SMEC will be carried out taking into account the following precautions:

- √ The mechanism is delivered with four short circuits connectors connected on the savers of the four connectors of the SMEC cables (J27, J28, J29, and J30). These four short circuit connectors will be let on the relevant cables until the connection on the MCU cables or EGSE cables. In case of disconnection, the four short circuits connectors will have to be reinstalled immediately.
- √ During all the activities, the operator will have to be equipped with a wrist strap linked to the ground to avoid any electrostatic discharge that could damage the electrical components