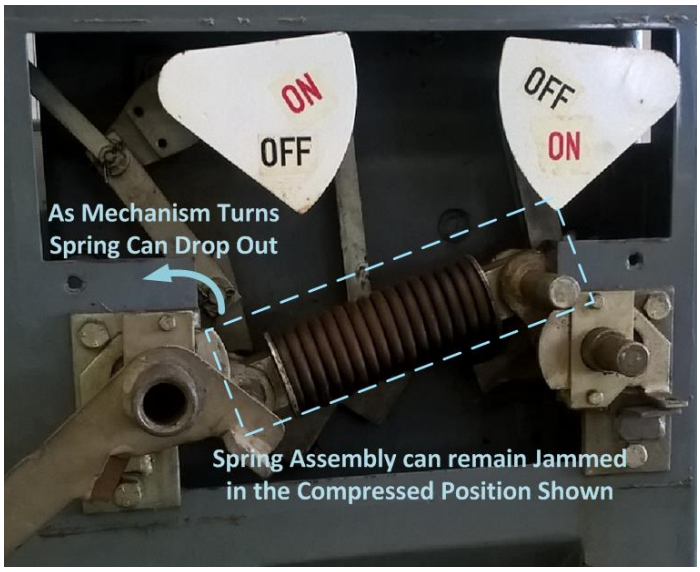
Reyrolle LMI RMUs SOP 406

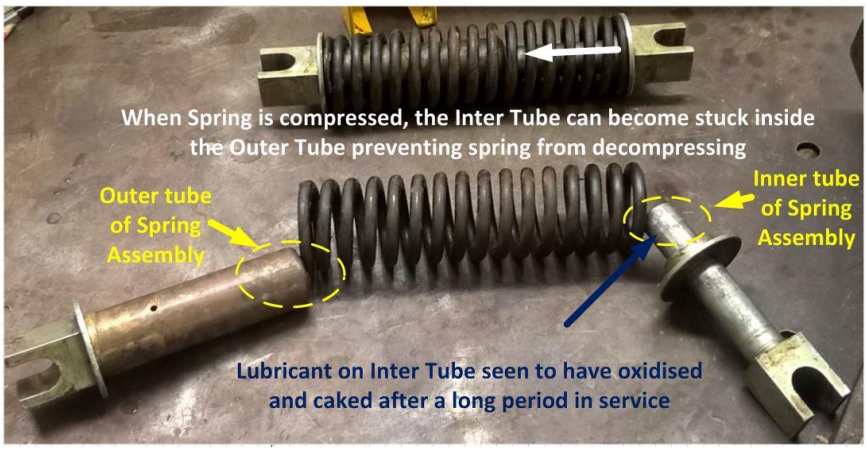
This Express details the application of SOP 2017/0406/00 (Applicable to Reyrolle LMI Ring Switches) issued by the Energy Networks Association.

Operation of the RMU Ring Switches is facilitated with the aid of the spring assembly to ensure that opening or closing is an independent manual operation.

Over time the lubrication on the internal metal tubes of the spring assembly may solidify and the spring can remain stuck in a compressed state midway through the switching operation. Also, it can possibly drop out of the mechanism altogether. This presents the risk that the switching operation will become dependent manual.



Mechanism



Spring Assembly

The Suspension of Operation (SOP) mandates that live operation of Reyrolle LMI RMU Ring switches is prohibited.

The Ring Switches can continue to be used as a point of isolation in accordance with company procedures as required.

The operational restriction can be removed when the ring switches and associated spring assembly have been maintained and free movement of the mechanism has been proven.

Recommendations and action points

- The SOP can be removed when reconditioning and re-lubrication of the spring assembly is satisfactorily completed.
- Reconditioning works requires isolation of the RMU and removal, cleaning, re-lubrication and reinstatement of the spring assembly in accordance with the additional maintenance instruction: SWG-13-176.
- Only lubricants recommended by the equipment OEM, Siemens, can be applied to the spring assembly.