



TECHNICAL BULLETIN

REMOTE ELECTRICAL ACTUATION
(UP GRADE TO IP 66 RATING)
(FIRE WIRE ALARMS ONLY)

The ETI Loss of Pressure ELECTRIC actuator is a multipurpose actuator that can be fitted to any part of the machine. It is also a fully supervised actuator as the last unit installed has an end line resistor that provides a supervising current. In the event of a fault, an alarm is given at the Fire Wire Alarm.



PART: REMOTELEC

The battery on the machine will provide more than the mandatory 72 hours back up required by AS 5062 for electric actuation systems. However, consideration needs to be given in the risk management process, about the possibility of isolating these actuators if the battery is isolated. This will be probably offset by the fact that the engine is not running and therefore fire is unlikely.



The standard installation of an ETI fire suppression system, requires one manual actuator that can be accessed from ground level and/or on the escape route of the machine. The manual actuator can be installed at the exit point in a position so as to prevent foreign materials interfering with the actuator, such as dust and water.

ETI electric manual actuator has been upgraded from IP65 rating to IP66 rating as per requirement. The actuator is dustproof and waterproof under high pressure spray (Pressure=100kN/m²; Flow Rate=12.5LPM at distance of 3meters). The two test methods undertaken to achieve these test results are as detailed below:

1. Water Soak Test



2. Water Spray Test



Yours Sincerely


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