

MANAGEMENT OF TEMPORARY MODIFICATIONS AND ENGINEERED OVERRIDES ON HIGH-HAZARD PLANT

There should be universal awareness that ANY temporary modification or override may be safety-related and requires great care

There should be a verified and authorised process for assessment, approval, recording, and removal of temporary modifications and overrides

There should be management recognition that 'urgent' temporary modifications or overrides may actually necessitate plant shutdown (because of assessment time)

The process should apply to all types of temporary modification, including: spectacle pieces, set point changes, logic changes, alarm defeats, disabling of fire-fighting/detection systems, etc

All temporary modifications and overrides should be time-limited (after which they must be removed or subject to thorough review)

Safe application and removal of temporary modifications and overrides

Risk assessments should include: consideration of alternatives (including plant shutdown), risk mitigation methods, time-at-risk, and effects on overall plant risk

There should be independent physical verification and auditing for removal/reinstatement afterwards

An accurate record of all current temporary modifications and overrides should be kept in the main control room