



HAZARD IDENTIFICATION AND RISK MANAGEMENT (HIRM) FORM

Table with 4 columns: Item, Description, Date/Status, and Responsible Party. Contains HIRM Reference Number, Area/Operation, Hazard/Threat, Unsafe Event, Ultimate Consequence, Date Conducted, Revision, Conducted by, Approved by, and Document No.

Main risk matrix table with columns for Existing Preventive Controls [E-PC], New Preventive Controls [N-PC], Existing Recovery Measures [E-RM], and New Recovery Measures [N-RM]. Includes Risk Index (RI) and Tolerability (T) for each control and measure.

Description of Existing Preventive Controls [E-PC]. Lists E-PC1 through E-PC5 with their respective descriptions and associated failure modes (EF, EC, EC>EF).

Description of New Preventive Controls [N-PC]. Lists N-PC1 through N-PC5 with their respective descriptions and associated failure modes (EF, EC, EC>EF).

Description of Existing Recovery Measures [E-RM]. Lists E-RM1 through E-RM5 with their respective descriptions and associated failure modes (EF, EC, EC>EF).

Description of New Recovery Measures [N-RM]. Lists N-RM1 through N-RM5 with their respective descriptions and associated failure modes (EF, EC, EC>EF).

5-1. Existing Risk Index [Hazard > Unsafe-Event]. Calculations for assessed severity level, optimum barriers, and resultant risk index (2C).

5-2. Resultant Risk Index [Hazard > Unsafe-Event]. Calculations for assessed BSV of individual PCs and new PCs, and resultant risk index (1C).

5-3. Existing Risk Index [Unsafe-Event > Consequence]. Calculations for assessed severity level, optimum barriers, and resultant risk index (2C).

5-4. Resultant Risk Index [Unsafe-Event > Consequence]. Calculations for assessed BSV of individual RMs and new RMs, and resultant risk index (1C).