

HIRA as per new contractor safety management

| NO. NO. | ACTIVITY                     | SUB ACTIVITY              | HAZARD                             | THREATS   | HAZARDS  | TOP EVENT        | RECOVERY MEASURES   | CONSEQUENCES                       | RISK RATING | INITIAL RISK | FINAL RISK | REMEDIAL ACTION REQUIRED |  |
|---------|------------------------------|---------------------------|------------------------------------|---|--|------------------|---|------------------------------------|-------------|--------------|------------|--------------------------|--|
| 1       | WELDING OPERATION            | WELDING MACHINE OPERATION | ELECTRIC SHOCK                     | CONNECTION WITHOUT PROTECTIVE MATTERIAL ON TOP  | UNTRAINED PERSON OPERATOR BACK AREA UNAVAILABLETY OF FIRE EXTINGUISHERS & WATER BUCKET (HARD GROUND LASSER APPROX 4MM/500MM ETC) | FIRE             | TREATMENT WITH DOCTOR & WATER BUCKET TO EXTINGUISHER FIRE | ELECTRIC SHOCK                     | 40          | 30           | 20         | 40                       | ACTIVITY TO BE DONE BY EXPERIENCED WORKERS & SUPERVISION |
|         |                              |                           |                                    |   |  |                  |   |                                    |             |              |            |                          |  |
| 2       | GRINDING & SHEDDING ACTIVITY | GRINDING METAL SURFACE    | PHYSICAL INJURY (FALL FROM HEIGHT) | LACK OF GUARDER MACHINE WITHOUT SAFETY NETS TO OPERATOR MACHINE (HAND HOLDING) IN WORK AREA | LACK OF SOCIAL LAMINAR SAFETY HARNES FROM 1.8 METERS ABOVE METAL GRINDING & SHEDDING SUPERVISION                                 | FALL FROM HEIGHT | FIRST AID TREATMENT & SHIPPING TO HOSPITAL                | INJURY TO PERSON & PROPERTY DAMAGE | 60          | 18           | 20         | 18                       | ACTIVITY TO BE DONE BY EXPERIENCED WORKERS & SUPERVISION |
|         |                              |                           |                                    |   |  |                  |   |                                    |             |              |            |                          |  |
| 3       | WELDING AT HEIGHT            | WELDING AT HEIGHT         | PHYSICAL INJURY (FALL FROM HEIGHT) | BROKEN LASSER DEFECTIVE LASSER  | LACK OF SOCIAL LAMINAR SAFETY HARNES FROM 1.8 METERS ABOVE METAL GRINDING & SHEDDING SUPERVISION                                 | FALL FROM HEIGHT | FIRST AID TREATMENT & SHIPPING TO HOSPITAL                | INJURY TO PERSON & PROPERTY DAMAGE | 60          | 18           | 20         | 18                       | ACTIVITY TO BE DONE BY EXPERIENCED WORKERS & SUPERVISION |
|         |                              |                           |                                    |   |  |                  |   |                                    |             |              |            |                          |  |

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