EHS-010

Figure: Risk Management follows the four-step process shown below

Step 1 \ Identify the hazards:

Identify all hazards associated with the plant and its related systems of work

Step 2 Assess the risks:

Assess the risks arising from the hazards

Step 3 Control the risks:

Decide on and use appropriate control treatment

Step 4 Review:

Have the control measures eliminated or reduced the risks? Have the control measures introduced any new hazards?

Assess the risk

Risk Matrix

For each hazard, think about: How **severely** could it hurt someone or harm the environment? kill or disable / several days first aid / major irrevesible off work / excess environmental significant resource use How **likely** is it to hurt someone or environmental harm or or minor harm the environment? pollution incident pollution very likely ++ Could happen regularly likely + Could happen occasionally unlikely -Could happen, but only rarely very unlikely --6 Could happen, but probably never will

Risk Level 1: Extreme risk – immediate action required, shut down plant / equipment and

notify Area Manager immediately. Control measures should attempt to

eliminate the hazard.

Risk Level 2: High risk – eliminate exposure to hazard immediately.

Risk Level 3: Significant risk – schedule appropriate corrective action for short term.

- Risk Level 4: Moderate risk schedule corrective action for short to medium term.
- Risk Level 5: Minor risk manage through signage, training, procedures and PPE or existing controls adequate.
- Risk Level 6: Low risk manage through SOPs, PPE, etc. unlikely to need specific allocation of resources or existing controls adequate.