#### De-inventory the Methylene Chloride System

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| Health | Methylene Chloride (brine) is:   * very dangerous to the eyes, * potentially mind altering (can induce narcosis, deep stupor or unconsciousness) * a skin irritant causing dermatitis upon prolonged contact, and * a potential carcinogen. Extreme care must be taken. |

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| PPE | Personnel involved in:   * de-inventorying the cold brine system * connecting brine jumper lines   Must wear:   * Please see the PTFE PPE Matrix for the appropriate PPE to wear with a Methylene Chloride potential exposure. Neoprene is NOT appropriate PPE for Methylene Chloride. * full face breathing air. * a badge under certain circumstances when exposed to Methylene Chloride fumes. |

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| Thermal Expansion | Do not trap cold brine. It will warm up and overpressure the line.   * De-inventorying of the brine tracing on the monomer header should be coordinated with the Granular area to avoid trapping brine between closed valves * When isolating a cell, the cold brine supply shutoff valve(s) should be closed before the return valve(s) so the pressure can be relieved through the return line * Do not close dome of trailer until Methylene Chloride has reached ambient temperature. |

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| Forms | * Pre-Inspection form W-260, to be filled out prior to loading trailer * Temporary Connection to Process Lines, S&OH Procedure 595, should be followed when connecting copper tubing. |

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| Initial Equipment Status | * Closed system with about 25 psig pressure * Temperature -35°C * Supply valves are open * Return valves are open |

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| Procedure Steps | **See Granular Operating Procedure 32.11.1 for instructions on deinventory of all brine systems.** |

End of topic