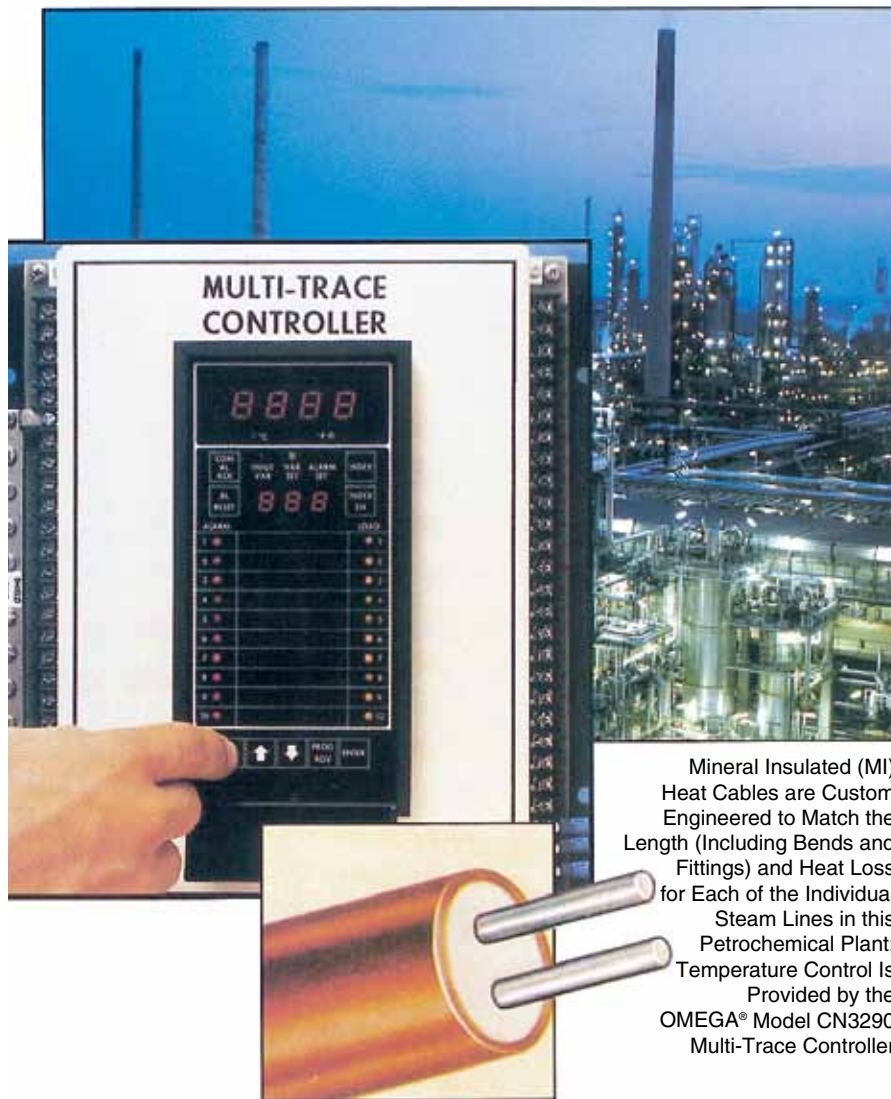


CUSTOM MODIFICATIONS

OMEGALUX™ Mineral Insulated Heat Cable Conquers the Cold!

CUSTOM ENGINEERING LEVEL I



Mineral Insulated (MI) Heat Cables are Custom Engineered to Match the Length (Including Bends and Fittings) and Heat Loss for Each of the Individual Steam Lines in this Petrochemical Plant; Temperature Control Is Provided by the OMEGA® Model CN3290 Multi-Trace Controller

A CASE IN POINT

An engineering consulting firm working for a major chemical company needs to specify electric heating cables to trace 30 outdoor process steam lines in a petrochemical plant. The heat cables are needed to make up for heat loss from the steam lines that occurs during the colder winter months.

PROBLEM

The engineering consulting company must supply a complete Bill of Materials required to trace all of these steam lines to the chemical company. The steam lines to be heat traced range from 102 to 305 mm (4 to 12") in diameter, Schedule 40 steel pipe, and are currently uninsulated. Each pipeline has a different straight run and includes bends and fittings. Steam temperatures in all of the lines exceed 260°C (500°F).

OMEGA SOLUTION

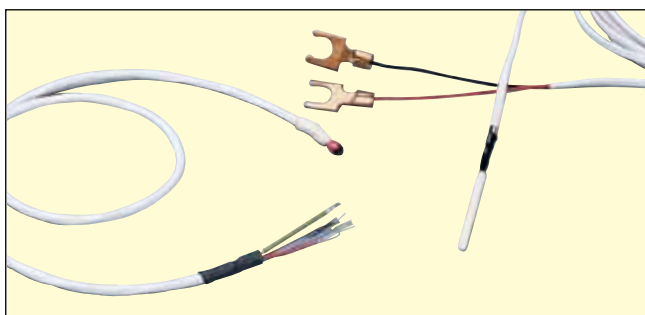
OMEGA's heater engineering department, OMEGALUX (an OMEGA Technologies Company), reviews the piping drawings supplied by the engineering consulting company. They design a custom engineered mineral insulated (MI) high temperature heat cable assembly for each pipeline. OMEGALUX supplies a complete Bill of Materials to the engineering consulting company, including all of the installation accessories required. Temperature control is accomplished with three OMEGA® Model CN3290, ten-channel multi-trace controllers.



...If You Don't See What You're Looking For, Ask Us!



Modified Roller Surface Probes with Extension Handle Make for Easy Measurements in Tight Spots



RTD and Thermistor Elements Provided With Lead Wires Pre-Attached for Convenience and Fast Response