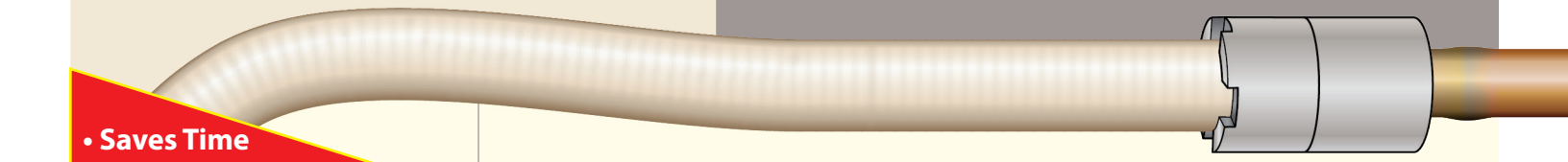
MediTrac®
Flexible Medical Gas Piping by OmegaFlex®

CASE STUDY

MediTrac® added in three Hospitals in Oregon



- Saves Time
- Saves Money
- Increases Installation Options

Product: **MediTrac®** Corrugated 1/2" Flexible Medical Tubing

Location: St. Charles Health in Madras and Redmond Oregon, Harney District Hospital in Burns Oregon

MediTrac® by OmegaFlex® continues its introduction into the market by providing innovation from end to end.

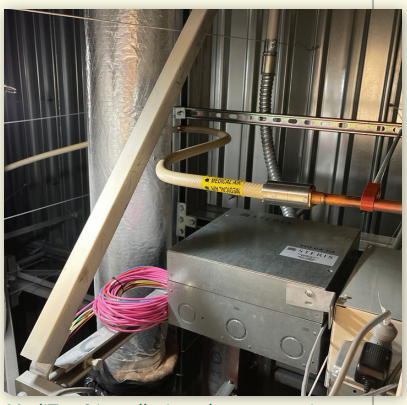
Project Overview

Hospitals in Madras, Redmond and Burns Oregon were in need of additional Oxygen and Medical Air outlets into their Operating rooms to better serve the needs of their patients. Oxygen Medical Gas and Geraghty Mechanical partnered to add the outlets without hot work or construction in the operating rooms.

Installation Overview

MediTrac® straight fittings were pre-installed to the medical gas outlets off-site, and then bagged and sealed until ready for installation. Geraghty and Oxygen Medical Gas arrived on-site with the prefabricated outlets and the MediTrac® tubing. The amount of sheet rock removed to install MediTrac® pipe and outlets was no larger than the existing outlet covers. MediTrac® was then run up the wall from the cutout into the ceiling into the existing access panel. The final connections and tie-in to the piping was made using flameless axially swaged fittings at the access panel location. The outlets were then installed into the wall and the trim covers replaced. Installation was completed with no hot work in a single afternoon. Final cleaning following the installation that evening allowed for cases to resume the next morning.

MediTrac® Flameless addition of medical gas outlets.



MediTrac® installation above operating room ceiling.

Conclusion

All three facilities had postponed installation of additional oxygen and medical air outlets in their operating rooms for several years. The risk of hot work and extensive construction being performed in a limited work area, along with the inability to close operating rooms for multiple days made the projects cost and time prohibitive. The MediTrac® system's flameless installation process along with faster installation times made completion of these projects possible.

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OmegaFlex®
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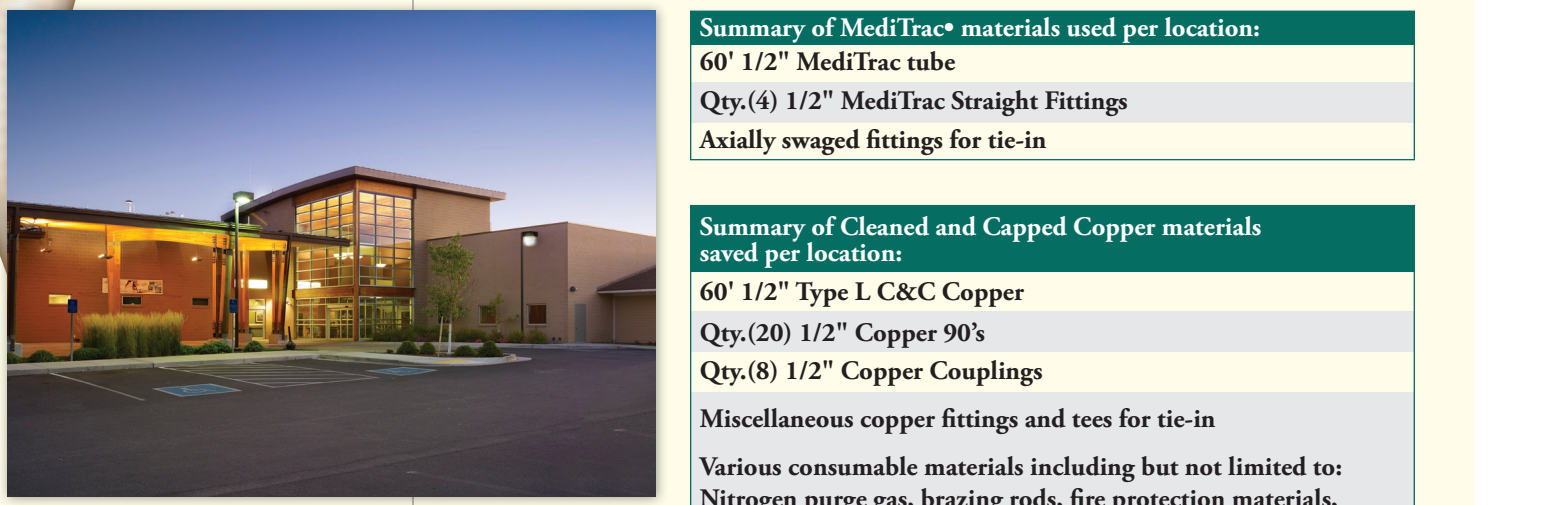

Harney District Hospital, Burns, OR

Summary of MediTrac• materials used per location:
60' 1/2" MediTrac tube
Qty.(4) 1/2" MediTrac Straight Fittings
Axially swaged fittings for tie-in

Summary of Cleaned and Capped Copper materials saved per location:
60' 1/2" Type L C&C Copper
Qty.(20) 1/2" Copper 90's
Qty.(8) 1/2" Copper Couplings
Miscellaneous copper fittings and tees for tie-in
Various consumable materials including but not limited to: Nitrogen purge gas, brazing rods, fire protection materials, fuel and prep materials.

St. Charles Health Redmond and Madras, OR.

Labor Man Hours estimated for Cleaned and Capped Copper

Geraghty estimated over 15-man hours per location to complete the installation with traditional materials due to the difficult working environment, required fire watch and site availability.

Summary of MediTrac® hours:

Geraghty completed the installation of the MediTrac® system in a total of 2-man hours per location, including the pre-fabrication done off-site.

Overall Efficiency Summary: The use of MediTrac® reduced installation time by 85% when compared to traditional cleaned and capped copper. The ability to provide a flameless installation combined with faster installation times and no operating room closures made the project feasible for the hospitals.