CASE STUDY - INDUSTRIAL POWER
“CAST-IN” STAINLESS STEEL TUBING

The Need
This customer was looking for a solution to a complex application of having a part with a tube assembly inside an aluminum casting to increase the thermal conductivity of the casting.

The Solution
We were able to successfully cast in a stainless steel tubing assembly which met the customer’s need for increased heat transfer in the casting.

Stainless Steel Tube Assembly prepped for casting
Tube Assembly in sand mold ready for casting
Finished part with Tube Assembly inside casting
Quality control x-ray of finished part