



*Improvement through Innovation*

## Case Study Burner Baffle Assembly

**Gasket**

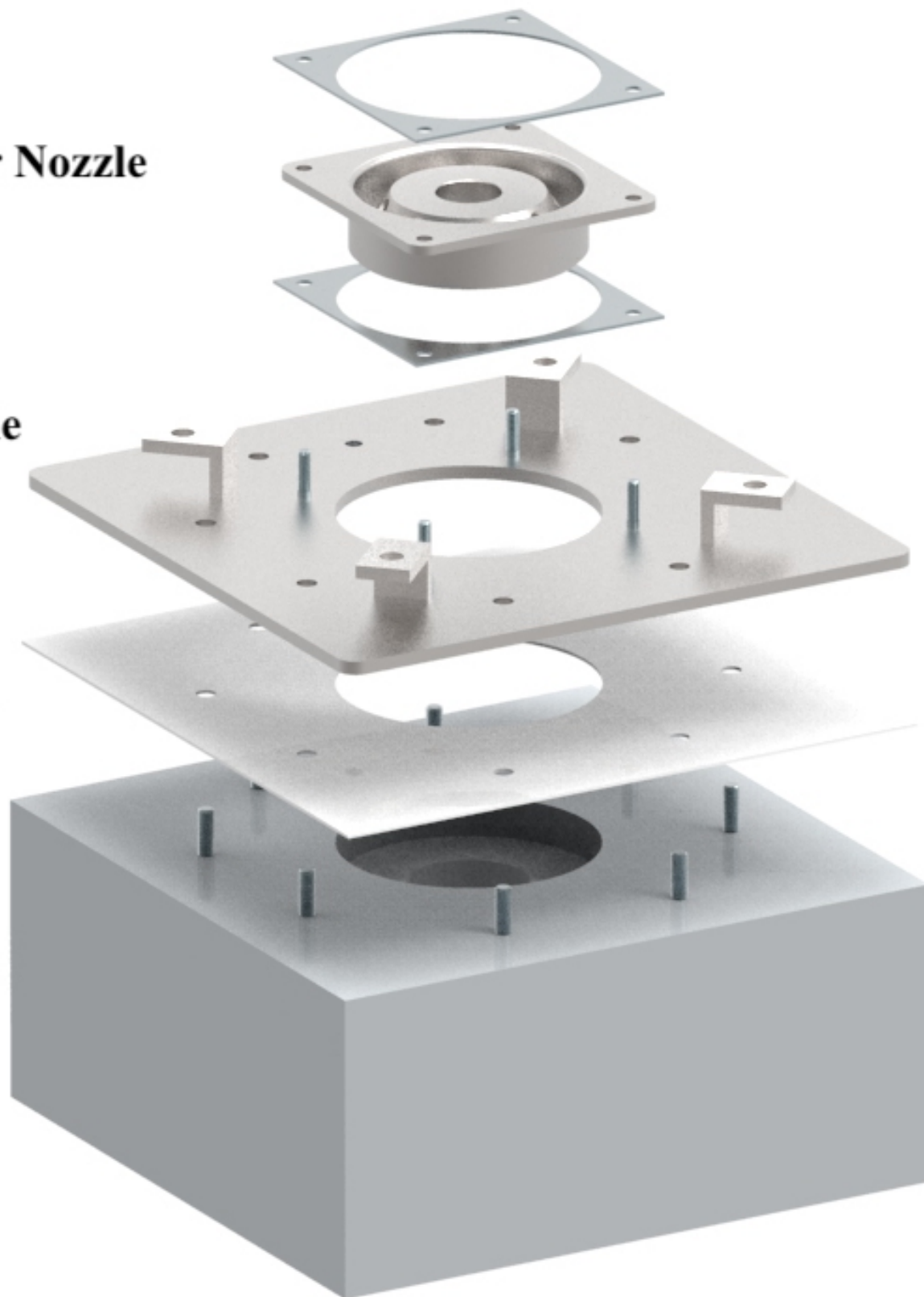
**SS Burner Nozzle**

**Gasket**

**Steel Baffle  
Mounting  
Plate**

**Insulation**

**Pre-cast  
and fired  
Burner  
Baffle**



96 Baffle Assemblies were produced in 16 Weeks.

The project included:

Reverse Engineering the SS Burner Nozzles.

Machining the Nozzles.

Design and fabrication of the Baffle Mounting Plate.

Casting and pre-firing the Burner Baffle.