

Region: 5

Location: MD021

CSS # 34093

Maximo Work Order No.: 15974

Asset #: NA

Date Issued: 01/24/2021

Original Description: Boilers #1 ,#2 ,#3 -need to install isolation valves close to boiler so we can isolate with out effecting the building loop / fire sides need to be inspected 10/2022

Repairs Needed:

Scope: - Starting with boiler #1, cut off the unit as well as recirc pump

- Shut off the valves in the ceiling that feed the piping going to the boilers
- Cut the 2" copper line below the recirc pump and press in a ball valve, then use a slip coupling to reconnect the other side of the line to the ball valve
- Repeat this process 5 more times on the outgoing line of boiler #1 as well as both lines for boiler #2 and #3
- Turn supply lines back on and test new work for leaks
- Insulate new piping

RS Means Line Buildup and Labor Summary (Data Version 2017, Q4):

Quantity	Line Item Number	Description	Labor Hours	Labor Rate/Hr	Materials	Equipment	Total
--	NA	Parts See deatil in Quote	--	--	\$2,193.57	--	\$2,193.57
--	NA	Diagnostic	5	\$80.00			\$400.00
--	NA	Labor	10	\$100.00	--	--	\$1,000.00

Estimate Summary:

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
15	\$1,400.00	\$2,193.57	NA	\$3,593.57	100%	\$3,593.57