

INDECK[®]

Package Boiler Fuel and Capacity Upgrade



New Indeck Burner

Problem & Solution

Evolving plant processes required a specialized package boiler to be modified to meet a higher steam demand. No longer having process waste gases available, the boiler also needed to be converted to burn natural gas. Indeck Keystone Energy provided a turn key retrofit which salvaged the boiler proper.



New Installed Economizer

Features & Benefits

- The existing FD fan was replaced with a new FD fan and silencer that met the new operating needs.
- FD Fan outlet ducts were designed and provided to ensure proper air distribution to the burner windbox.
- New low NOx burner complete with windbox, FGR ductwork, fuel and pilot gas piping trains were designed and provided to ensure boiler performance and emission compliance.
- An economizer, outlet ducting, and damper were provided to replace the heavily worn originals.
- Combustion controls were upgraded to permit the firing of natural gas with induced flue gas recirculation.

End Result

The equipment was supplied, installed and successfully commissioned under Indeck's professional project management and field service teams.

The project was completed on schedule with all performance goals achieved!

Please contact us to discuss a project for your boiler.

For more information,
please contact:

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