Blast Cleaning of Aluminum Brass Exchanger

Case:

Aluminum Brass cooling water exchanger

192 tubes X 18feet long. 1 inch OD with 16 wall

Service: Hot service Brine/Cooling tower water on the ID was forming calcium scale on the tube walls.

Client:

A Gulf Coast Refinery in the USA

Solution:

Client unable to get tube ID clean enough with hydro blasting. Curran International was called in to perform patented grit blasting method.

Results:

Curran crew was able to clean all tubes within one shift. Blast times on the tubes were 15 seconds per tube.

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Picture below is of aluminum brass tube after the tube had been hydro blasted.

Picture below is of same tube after being grit blasted for 15 seconds. Tube is cleaned to white metal.