

ESG1

EXHAUST STEAM GENERATOR

ESG1-820D17CSS

CUSTOMER

**THE CHICAGO MUSEUM OF
SCIENCE AND INDUSTRY**

LOCATION

Chicago, Illinois

APPLICATION

(1) ESG1-820D17CSS recovering heat (3,467,000 Btu/hr) from a 1750 kW QSV91 engine; reducing the exhaust gas temperature from 941°F to 346°F @ 4,761 SCFM; generating 3,573 pph steam @ 40 PSIG



The Museum of Science and Industry opened in 1933 and is visited by over two million people annually. It is the largest science museum housed in a single building (approx. 665,000 square feet) in the Western hemisphere. Heat recovered by the Cain Industries' ESG1 is used to run a 10,000 CFM desiccant humidifier.



"Manufacturing Waste Heat Transfer Products to Save Energy"

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