

The background of the slide is a deep space scene. It features a dark blue and black sky filled with numerous bright stars of varying colors, including white, yellow, and blue. A prominent feature is a bright, multi-colored nebula or galaxy structure in the upper left quadrant. On the right side, a large, reddish-brown planet, likely Mars, is partially visible, showing its characteristic surface features and a hazy atmosphere. The overall lighting is soft, highlighting the celestial bodies against the dark void of space.

**NASA/MARSHALL SPACE
FLIGHT CENTER**

JOINT COUNSELING SESSION

**APPLIED THERMAL COATINGS
MARCH 23, 2021**

Background

COMPANY NAME:	Applied Thermal Coatings	ADDRESS:	200 Compress Street Chattanooga, TN 37405
OWNER:	Harley Grant Jeff Henry	CONTACT NAME:	Jack Sample
EMAIL:	jsample@atc-tn.com	YEARS IN BUSINESS:	21
CAGE CODE:	1W7HG	DUNS NUMBER:	791787153
WEB SITE:	atc-tn.com	NAICS CODES:	541330 541380 332811

Business Size & Classifications

TOTAL EMPLOYEES:	21
AVERAGE SALES:	3mm

CLASSIFICATIONS (select from list below):	Yes/No
SMALL BUSINESS	Yes
SMALL DISADVANTAGED BUSINESS	No
NATIVE AMERICAN-OWNED	Yes
ALASKAN NATIVE CORPORATION	No
WOMEN OWNED	No
ECONOMICALLY DISADVANTAGED WOMEN OWNED	No
VETERAN-OWNED	No
SERVICE DISABLED VETERAN OWNED	No
HUBZONE CERTIFIED	No
8(A) CERTIFIED	No
8(A) EXPIRATION DATE (if applicable)	No

Quality Systems

Quality Policy

It is the policy of ATC-CES Engineering and Metallurgical Services to ensure customer satisfaction by providing services according to specified customer requirements and in accordance with industry best practices. We will achieve customer satisfaction by continually improving processes, products, and services to ensure they meet or exceed customer requirements.

All services will be performed in accordance with the defined quality management system. It is our intent to minimize the cost of nonconformance and to promote continual process improvement. Each employee is responsible for the quality of his/her own work and for following the rules of the quality management system.

ATC-CES has been assessed by EAGLE Registrations Inc. and conforms to ISO 9001:2015. Scope of Registration. Providing engineering solutions to industrial clients for problems with critical equipment involving welding, heat treatment, material performance and mechanical integrity.

Skills & Processes

APPLIED THERMAL COATINGS (ATC) CAPABILITY STATEMENT

ATC/Combustion Engineering Solutions (CES) is an engineering services company that provides a broad range of engineering support services as well as shop-based heat treatment services and coatings-type solutions for difficult wear and corrosion problems. ATC-CES's engineers, with areas of expertise that include the mechanical design of pressure parts, structural design, materials engineering, and welding and corrosion engineering, represent hundreds of years of experience in the Power and other energy-related industries. Supported by a full-service metallurgical laboratory, they will help you manage any major problem at your plant, whether it is determining the root cause of the failure of an essential plant component, modifying the design of a critical pressure part to improve plant efficiency, identifying solutions for severe wastage issues, or conducting condition assessments of critical pressure parts and developing effective weld repair programs.

ATC-CES has developed unique expertise in diffusion coatings, such as chromizing, aluminizing and boronizing, as well as in the various types of thermal and electric spray coatings. ATC's heat treatment services are a direct outgrowth of its experience with diffusion coatings where the need for tight control of temperature throughout the processing cycle has led to the development of heat treatment capabilities that are tailored to more difficult alloys, such as the Creep Strength Enhanced Ferritic steels like Grade 91, where close control of temperature is essential in developing optimum properties for the material.

Skills & Processes (Cont.)

ATC-CES also supports the rebirth of heavy manufacturing in this country, and to that end we are working closely with interested educational institutions to develop programs in applied engineering in the fields of metallurgy, NDE, welding engineering, heat treatment, manufacturing and Codes & Standards, through which we will pass on our many years of experience in these areas to the next generation of engineers and technicians.

ATC/CES's Engineering Services Division has been assembled in response to the loss of so much of the experienced engineering talent from across industry as OEM's and operators have sharply cut back on staffing in such critical disciplines as metallurgy, welding engineering, NDE and manufacturing engineering. With more than 400 years accumulated experience in energy-related industries, the mechanical, materials and welding engineers in ATC/CES' Engineering Services Division (ESD) can provide assistance with or overall management of a broad array of projects, from root cause investigations to explain failures of critical components to the development and implementation of risk-based inspection programs for high energy piping systems to the planning and execution of weld repairs on major CSEF pressure parts (e.g., Grade 91). In addition, ATC/CES' Engineering Services Division can provide assistance with the development or review of operating and maintenance procedures or the review of design specifications, as well as the development and support of all important quality assurance and welding programs. Our staff of full time engineers is supplemented by a highly experienced group of retired engineers who work on specific projects on an as-needed basis. In this way ATC/CES can offer turn-key services for a broad range of vital maintenance and assessment projects on boilers, heat exchangers, turbines and balance of plant.

DUNS NUMBER – 791787153

CAGE CODE – 1W7H0

SMALL MINORITY OWNED BUSINESS - NATIVE/AMERICAN INDIAN OWNED

NAICS CODES = 332811; 332812; 332813; 541380; 541330

ISO CERTIFIED

Customers

ATC-CES SERVICES LOCAL, USA & WORLD

NISSAN

SULZER

nationalgrid
THE POWER OF ACTION

COVANTA
Powering Today. Protecting Tomorrow.

KOMATSU

OAK RIDGE | 75 YEARS
National Laboratory



MITSUBISHI HITACHI
POWER SYSTEMS

EthosEnergy

Illier
INDUSTRIES



BabcockPower

SDGE

**EAST KENTUCKY
POWER COOPERATIVE**
A Touchstone Energy Cooperative

TVA

ROADTEC
an Atlas Industries Company

Sempra Energy utility



Entergy

ASTECC
INDUSTRIES, INC.

Mueller Co.

IAHERN

**Capital Power
Corporation**

CUMMINS
COLUMBUS MCKINNON
CORPORATION

**THE UNIVERSITY OF TENNESSEE
CHATTANOOGA**

nrg clean power



ANDRITZ
A National Leader in Technology
**Chattanooga State
Community College**

GenOn

BAOSTEEL

DU PONT

**Southern
Company**

LGE

FLOWSERVE

WWES
WASATCH WELDING ENGINEERING SERVICES LLC

ASME
SETTING THE STANDARD



TransCanada
in business to deliver



SHERMAN+REILLY

KORDSA

DTE Energy

Principle Point(s) of Contact

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