



**CCC GROUP**  
INDUSTRIAL CONSTRUCTION

**BOILER & PRESSURE VESSEL**

REPAIR AND RECONDITIONING SERVICES

A large, cylindrical industrial machine, possibly a reactor or a large-scale filter, is shown in a factory setting. The machine has a prominent section with a dense grid of circular perforations. To the right, a pressure gauge is visible on a pipe. The background shows the interior of a large industrial building with high ceilings and windows.

**CCC GROUP GIVES EVERY PROJECT  
THE TIME AND ATTENTION TO ENSURE  
WE ARE BUILDING WITH INTEGRITY™.**

## **BOILER RECONDITIONING SERVICES**

CCC Group helps clients maximize boiler efficiency by providing comprehensive boiler reconditioning services. We have the expertise to manage a successful reconditioning process from the outside-in, which includes tube replacements, new casing and insulation, new refractory, level control replacements, new wiring, new gaskets, updated control systems and even brand new industrial coating.

CCC Group works with clients to find the most efficient, economical and effective solutions to extend the life of boiler systems and help reduce operating costs.

## **PRESSURE VESSEL REPAIRS WITHIN ACCORDANCE TO NBIC / ASME**

CCC Group is highly adept at quickly repairing pressure vessels that have suffered deterioration due to corrosion or regular mechanical wear. When our project teams are deployed they work closely with our quality control team and our authorized inspection agency in order to expedite the process without compromising any standards. We apply safe, proper and exacting procedures, quality welding and testing to ensure success during the vessel's outage.

## **PRESSURE VESSEL TESTING & INSPECTION SERVICES:**

- **ON-SITE STRESS RELIEVING SERVICES**
- **PRE- AND POST-WELD HEAT TREATING**
- **HYDROSTATIC PRESSURE TESTING**
- **PRESSURE VESSEL TESTING**

## BOILER REPAIR

Since 1995 CCC Group has the experience in boiler and pressure vessel repair work. We provide general and preventive maintenance, inspections and repairs as well as updates and reconditioning services.

As a National Board "R" Certificate holder, CCC has a quality control system in place to ensure adherence to ASME guidelines. Our boilermakers have gone through rigorous testing and their quality of work has been certified to meet stringent standards. This allows CCC to perform repairs or replacements to generator tube banks, main headers and water walls.

**QUALITY CONTROL** - ASME and National Board Codes, insurance requirements, not to mention overall safety and reliability are main directives on all projects executed by CCC.



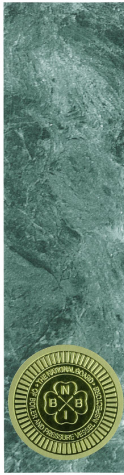
**BOILER PRIOR TO RECONDITIONING**



**BOILER AFTER RECONDITIONING  
PERFORMED BY CCC**



**REPLACING AN 850 PSI STEAM VALVE**



THE NATIONAL BOARD  
OF  
BOILER & PRESSURE VESSEL INSPECTORS

*Certificate of Authorization*



This is to certify that  
CCC Group, Inc.  
5797 Dietrich Road  
San Antonio, Texas 78219-3599  
United States  
Acceptable Abbreviation: CCCG

is authorized to use the R Symbol in accordance with the  
provisions of the National Board Inspection Code and NB-415,  
Accreditation of "R" Repair Organizations.

All activities within the scope of this Authorization shall be  
controlled by the above location.

The scope of this Authorization is limited to:

Metallic  
Repairs and Alterations  
At  
Shop and Field Locations

Certification Number: 2860

Issue Date: February 9, 2021  
Expiration Date: December 28, 2023

Executive Director

## ANNUAL BOILER INSPECTION SERVICES

Annual inspection is typically geared toward a specific piece or set of equipment and involves a planned outage to open the boiler(s) and inspect the fire and water side. As a qualified service company, we work with our QA/QC inspectors to identify and record any problems that might exist and make any repairs that may be required on components.

Our annual boiler inspections typically include:

- remove and replace calibrated safety relief valves
- open the boiler(s), inspect tubes, tube sheets and level controls
- close the boiler(s), clean the outside area and prepare for firing
- conduct performance test on the boiler safety interlocks, controls and valves
- inspect related equipment including deaerators, feedwater systems, economizers, blowdown systems, etc., as applicable

Once the boilers and equipment pass inspection, a new annual certificate of operation is issued from the (ATM) Ministerie van Arbeid, Technologische Ontwikkeling en Milieu (Labour Technologies and Environment). ATM will oversee all generated reports and procedures.



MINISTERIE VAN ARBEID  
TECHNOLOGISCHE ONTWIKKELING  
EN MILIEU  
WATERMOLENSTRAAT 7 • PARAMARIBO  
TELEFOON 477378

Uw kenmerk: Uw brief van Ons kenmerk A.T. *445814*  
Your reference: Your letter dated Our reference

Bijlage(n): Paramaribo, *8 oktober 2014*  
Enclosure(s):

Onderwerp: Bewijs van goedkeuring  
voor stoomketel no. 1.

Am: De Directeur

Ingevolge artikel 12 van het krachtens artikel 3 lid 1 van de Veiligheidswet 1947  
(G.B. 1947 no. 142) gegeven veiligheidsvoorschrift no. 1 (G.B. 1972 no.95) werd op  
maandag 28 april 2014 stoomketel no. 1 in uw bedrijf, gevestigd aan de  
Indira Gandhiweg no. 12 te Paramaribo in- en uitvoerend getoetst en op woensdag  
13 augustus 2014 op waterdruk getoetst. De druk werd opgevoerd tot 195 psi. Tijdens  
het op waterdruk uitvoeren van bovengenoemde stoomketel zijn er geen afwijkingen  
geconstateerd.

Stoomketel no. 1 is voorzien van een stempelplaat vermeldende:

Plaats van vervaardiging : U.S.A.  
Vervaardiger : Kewanee Boiler Manufacturing Company Inc.  
Bouwjaar : 1992  
Toegestane werkdruk : 150 psi  
Type : H38- 125- 54" Dia. 3- Pass Scotch Classic III



**REPLACING TUBES IN THE LOWER GENERATING BANK**

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## **TYPES OF PRESSURE VESSELS & EQUIPMENT WE REPAIR:**

- **SUPER HEATERS**
- **AIR RECEIVERS**
- **TUBE SHEETS**
- **HEAT EXCHANGERS**
- **HIGH PRESSURE STEAM DRUMS**

For more information  
[www.cccgroupinc.com/suriname](http://www.cccgroupinc.com/suriname)



#### **CCC GROUP ALSO OFFERS:**

- Industrial construction, repair & maintenance
- Emergency services (Available 24/7)
- Equipment rentals



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