

**X**Notice: Collection of this information is authorized under s. 299.83 Wis. Stat. Participation in Green Tier and completion of this form are voluntary. Personal information collected on this form, including such data as your name, address, phone number, etc., will be used in the implementation of Green Tier and will be made broadly available under the Green Tier program. Information will also be made accessible to requesters under Wisconsin's Public Records Law (ss. 19.32 – 19.39, Wis. Stats.). If you need to request confidential treatment of any information in order to protect a trade secret, please contact a DNR representative *prior* to submitting this form. Applications must be considered complete by the DNR in order to be processed. For complete application instructions, see "Green Tier Application Instructions," publication number CO-501.

This application is for... (check one):  Tier 1      **X** Tier 2 (attach Letter of Intent to this form)

## I. Applicant Information

Contact Name	Title		
Ken Rupp	E&C Quality & Environmental Manager		
Street Address	City	State	ZIP Code
2191 Ward Ave,	La Crosse	WI	54601
Telephone Number	Fax Number	E-mail Address	
608-787-6744	608-78-2226	ken.rupp@chartindustries.com	

## II. Facility Information

Facility Name	County		
Chart Energy & Chemicals Inc.	La Crosse		
Street Address	City	State	ZIP Code
2191 Ward Ave	La Crosse	WI	54601
Mailing Address	City	State	ZIP Code
2191 Ward Ave	La Crosse	WI	54601

Please provide all DNR Facility Identification numbers (FID #) that apply to the covered facility or activity.  
54601LTCNT

## III. Scope of Green Tier Participation (check one)

- This application covers all activities at the facility listed in Section II.
- This application covers all activities at more than one facility. For each facility to be covered under this application provide the information from Section II on a separate page labeled **Attachment 1**.
- This application **does not** cover all activities at every covered facility. Please describe the exact scope of activities and facilities to be covered in the program on a separate page labeled **Attachment 1**.

## IV. Environmental Performance

Please provide the following information on a separate page labeled **Attachment 2**. Refer to the *Application Instructions* for definitions of environmental performance and superior environmental performance.

### Tier 1 Applicants:

- Describe your past and current environmental performance with respect to each covered facility or activity included in this application. Within this attachment establish a baseline date against which future progress can be measured.
- Describe your future plans for enhancing the environment with respect to the same facilities/activities.

### Tier 2 Applicants:

- Provide information demonstrating your record of superior environmental performance. Within this attachment establish a baseline date against which future progress can be measured.
- Describe the measures you propose to take to maintain and improve your superior environmental performance.

## V. Environmental Management System (EMS)

- a. Have you implemented an EMS that is certified to the ISO 14001 standard?       Yes      No      (circle one)
- b. Have you implemented an EMS that is functionally equivalent to ISO 14001?       Yes      No      (circle one)

If you circled "No" for both questions, you are not eligible for Tier 2. Please proceed to Section VI only if you are applying for Tier 1.

If you circled "Yes" for either question, please provide a copy of the following documents labeled as **Attachment 3**:

- Proof of ISO 14001 certification OR functional equivalence (refer to *Application Instructions* for details)
- Environmental policy statement and scope statement
- Documented objectives and targets for the covered facilities/activities

## VI. Public Notice/Stakeholder Identification

Please provide in a separate document labeled **Attachment 4** a list of stakeholders whom you know or expect will have a strong interest in your Green Tier application, as well as contact information for those stakeholders. This information will help DNR expedite the processing of your application. Tier 2 applicants must provide additional information about stakeholder involvement in a Letter of Intent. Refer to *Application Instructions* for details.

## VII. Enforcement Record

Please review the Enforcement Record requirements described in the *Application Instructions* very carefully, and then check the appropriate box:

- All enforcement record requirements relevant to this application are satisfied.
- All enforcement record requirements relevant to this application are **not** currently satisfied. A waiver of the enforcement record requirements is requested.

If a waiver is requested, please provide information describing any requirements not met and a justification for the waiver request on a separate page labeled **Attachment 5**. Note that waivers will be granted only in exceptional circumstances.

## VIII. Tier 1 Applicant Statement of Commitments

I commit with my signature to the following statements and certify that all information provided in this application is true and correct under penalty of law:

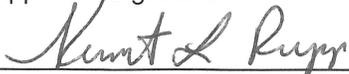
- Implement, within one year of the date of this application, an EMS for each covered facility or activity that is certified to the ISO 14001 standard or is functionally equivalent to ISO 14001 as determined by DNR.
- Conduct annual EMS audits, with every 3<sup>rd</sup> EMS audit performed by a DNR-approved outside environmental auditor.
- Submit to DNR an annual report on each EMS audit that is in compliance with s. 299.83(6m)(a), Wis. Stats.
- Submit to DNR an annual report on progress towards meeting objectives related to improved environmental performance for aspects regulated under chs. 29 to 31, 160, or 280 to 299, Wis. Stats., unregulated environmental aspects, or voluntary actions to restore, enhance, or preserve natural resources.

Applicant Signature	Date Signed

## IX. Tier 2 Applicant Statement of Commitments

I commit with my signature to the following statements and certify that all information provided in this application is true and correct under penalty of law:

- Conduct annual EMS audits performed by a DNR-approved outside environmental auditor.
- Conduct or have another person conduct an annual audit of compliance with environmental requirements that are applicable to the facilities and activities covered under Green Tier.
- Submit to DNR an annual report on each EMS audit that is in compliance with s. 299.83(6m)(a), Wis. Stats.
- Submit to DNR an annual report on each compliance audit that is in compliance with s. 299.83(6m)(a), Wis. Stats.

Applicant Signature	Date Signed
	July 28, 2016

## X. For Department Use Only

Date Received	Initials of Reviewer	Status	Date Returned to Applicant for Additional Information	Date Denied	Date Approved



America

# CERTIFICATE

The Certification Body of  
TÜV SÜD AMERICA INC.

hereby certifies that

**Chart Energy and Chemicals, Inc.**  
2191 Ward Ave.  
La Crosse, WI 54601 USA

has implemented an Environmental Management System  
in accordance with:

## ISO 14001:2004

The scope of this Environmental Management System includes:

**Sales, Design, Manufacture and Service of Heat Exchangers, Heat Exchanger Assemblies, Tanks, Brazed Aluminium Heat Exchanger in a vessel, Cryogenic Cold Boxes, Various Pressure Vessels and Structural Fabrications related to such Products, Engineered Systems, Vacuum Insulated Piping, Thermal Vacuum Systems and Heat Exchange Reactors**

Certificate Expiry Date: December 20, 2017

Certificate Registration No: 951 11 5814-A  
(In conjunction with certificate no: 951115814)

Effective Date: March 2, 2016



Gary W. Minks  
VP, Regulatory Affairs



# HEALTH, SAFETY, AND ENVIRONMENTAL POLICY



Innovation. Experience. Performance.™

Chart recognizes that it has health, safety & environmental (HSE) responsibility beyond legal and regulatory requirements. We are committed to improving employee health and safety and reducing our environmental impact. Chart is continually improving and monitoring our HSE performance as an integral part of our business strategy and operating methods. We encourage customers, suppliers and other stakeholders to do the same.

## Consistent with our HSE commitment we:

- commit to prevent injury and ill health,
- commit to the prevention of pollution,
- comply with and/or exceed all relevant HSE regulatory requirements, and with other requirements to which our organization subscribes which relate to our environmental aspects and safety objectives,
- continually improve and monitor our HSE performance,
- continually improve and reduce our negative environmental impacts,
- incorporate HSE factors into our business decisions and,
- promote HSE awareness and training of our employees.

Mike Durkin   
President Chart Energy & Chemicals

# CHART LA CROSSE, WI.

## ENVIRONMENTAL ACCOMPLISHMENTS

### GOALS AND TARGETS

Chart has committed to being environmentally responsible, this has been evidenced by our actions for many years.

To remove our fin forming oil used in our manufacturing process, all solvents were replaced with an aqueous system in our standard cleaning process.

Several years ago we reviewed our waste streams and decided to make the La Crosse facility a Zero Landfill Site. All metals, plastic and cardboard are recycled; all hazardous waste is incinerated (La Crosse is a small quantity exempt generator); and all daily refuse is sent to the incinerator operated by Excel Energy for power generation. A minor amount of non-hazardous wastes which are not accepted at the local incinerator are sent to a facility licensed to incinerate this material.

In 2012 Chart started the planning and construction of a 60,000 sq. foot addition. This addition incorporated several design features which enhance our environmental performance. These include the following: LED lighting, a high efficiency boiler, increased natural lighting, and a high efficiency air recovery/ air make up system. Additionally all material is undercover, which allows Chart an exception for a storm water runoff plan.

Currently Chart is implementing the following:

- A program designed to reduce aluminum scrap by 15%

- A team is in the early planning stages of a helium usage reduction program, so there is not an exact goal set at this time.

- An Electrical Peak demand shaving goal to reduce electrical costs by 25%.

Ken Rupp

E&C Quality & Environmental Manager

Management System Representative ISO 9001, 14000 & OHSAS 18001.