Integrated Marine Systems INC

Class Title: RSW:101 - Operating and Maintaining Your IMS RSW System

Purpose:

To save you money on RSW by providing the knowledge and skills necessary to properly operate and maintain an IMS refrigeration system – extending the life of the machinery and maintaining maximum efficiency.

Class Description:

Welcome to RSW:101, a training program for individuals seeking knowledge in operating and maintaining their IMS RSW systems. In this course, we will be covering essential aspects of marine refrigeration, system startup, plumbing recommendations, operation and maintenance techniques, winterization procedures, and effective troubleshooting strategies. We will cover the basics for hydraulic, electric and diesel systems.

Course Highlights:

1. **Understanding Basics of Refrigeration:**
   - Delve into the fundamental principles of marine refrigeration and refrigerated seawater systems.
   - Learn about key refrigeration components and their roles in maintaining optimal temperatures.

2. **System Startup Procedures:**
   - Guidance for the proper startup sequence of your IMS RSW systems.
   - Learn setup and calibration of electronic controllers.

3. **Water and Hydraulic Plumbing Recommendations:**
   - Explore best practices for water and hydraulic plumbing design and installation.
   - Learn about recommended materials, layouts, and configurations for efficient water circulation.

4. **Operation and Maintenance Practices:**
   - Learn how the control system operates. Know what functions the system is performing while in operation.
   - Training in day-to-day operation, ensuring consistent performance.
   - Maintenance protocols for regular system checks, cleaning, and preventive measures to extend equipment lifespan and maintain efficiency.

5. **Winterization Techniques:**
   - Learn how to prepare the RSW system for winter conditions, preventing damage and ensuring functionality.

6. **Effective Troubleshooting Strategies:**
   - Develop problem-solving skills through practical troubleshooting exercises.
   - Understand common issues, their root causes, and methods for timely and accurate system diagnosis.

Who Should Attend: Anyone interested in prolonging the life of their refrigeration system and maintaining maximum efficiency. By the end of the class, students will feel confident in their ability to operate and maintain their system for years to come.