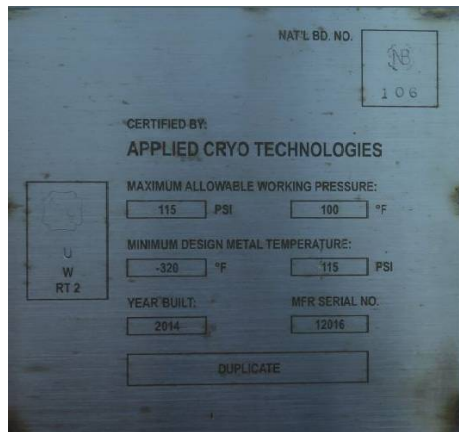




Markey Cryogenic Equipment Co.  
 www.markeycryo.com.  
 Ph: 888-471-CRYO  
 E-mail kevin@markeycryo.com

# ACT-12115-LNG-ISO

Manufacture: ACT  
 Design Pressure: 115 PSIG  
 Design Temperature: -320  
 Capacity, Gross: 12,115 Gallons  
 Year: 2014  
 Code: ASME, National BD # 106 S/N 12016  
 Service: LNG  
 Recently Recertified





UN PORTABLE TANK - TYPE T75  
 COUNTRY OF MANUFACTURE: UNITED STATES  
 APPROVAL COUNTRY: UNITED STATES  
 US DOT APPROVAL NUMBER: SI-0190-14-LGA  
 APPROVAL AGENCY: IA 9101/DIV  
 IMDG/ADR/RID APPROVAL NUMBER: M NU/541/09/14  
 MANUFACTURER: APPLIED CRYO TECHNOLOGIES, HOUSTON, TX, UNITED STATES  
 MANUFACTURER SERIAL #: 12016  
 YEAR OF MANUFACTURE: 2014  
 APPROVAL: US DOT, IMDG, ADR/RID, CSC, ISO 1498-3  
 PRESSURE: VESSEL CODE: ASME SECTION VIII, DIV. 1  
 OWNER: \_\_\_\_\_  
 OWNER REGISTRATION #: ADM 001038 0

MAWP: 7.93 BAR / 115 PSIG      TEST PRESSURE: 11.79 BAR / 171 PSIG  
 INITIAL PRESSURE TEST DATE: 04/19/2014      WITNESS: SI  
 DESIGN TEMP RANGE: -195.8 °C TO +37.8 °C / -320 °F TO +100 °F  
 WATER CAPACITY 20 °C: 44307 LITERS / 11706 GAL  
 INNER SHELL MATERIAL: SA240, 201 2 / 201M  
 INNER HEAD MATERIAL: SA240, 304SS  
 EQUIVALENT THICKNESS REFERENCE STEEL: CYLINDER 8.81MM / 0.35 IN  
 EQUIVALENT THICKNESS REFERENCE STEEL: HEADS 10.20 MM / 0.40 IN

MULTI-LAYER VACUUM INSULATED  
 HEAT INFLUX: 188 WATTS UN1972 NATURAL GAS REFRIGERATED LIQUID  
 REFERENCE HOLD TIME: 0.34 TO 7.93 BAR / 5 TO 115 PSIG  
 UN1972, NATURAL GAS REFRIGERATED LIQUID = 15858 KG / 34960 LB, 110 DAYS  
 UN1933, ETHYLENE REFRIGERATED LIQUID = 21292 KG / 46940 LB, 223 DAYS  
 UN1961, ETHANE REFRIGERATED LIQUID = 20752 KG / 45760 LB, 294 DAYS

MAXIMUM PERMISSIBLE GROSS MASS: 34000 KG / 74956 LB  
 UNLADEN (TARE) MASS: 12794 KG / 28140 LB  
 MAXIMUM PAYLOAD: 21236 KG / 46816 LB

PERIODIC TEST: \_\_\_\_\_  
 PERIODIC TEST: \_\_\_\_\_

