



CRANE/MATERIAL HANDLING EQUIPMENT

(Last Updated – April 2018)

Note: The following PINC’s which pertain to cranes and temporary cranes only fall within BSEE jurisdiction when they are mounted on fixed OCS platforms. PINC’s which cover other types of lifting equipment may be enforceable either on fixed OCS platforms or on MODUs if they are utilized exclusively for Well Operations.

Operating Procedures

- I-101 **WHENEVER THERE IS ANY DOUBT AS TO SAFETY, DOES THE CRANE OPERATOR STOP AND REFUSE TO HANDLE LOADS OR CONTINUE OPERATIONS AS SAFETY DICTATES IN ACCORDANCE WITH API RP 2D, PARAGRAPH 3.1.5a?**
Authority: 30 CFR 250.108 Enforcement Actions: W/C
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- I-102 **ARE PROPER CRANE OPERATING PRACTICES FOR ATTACHING AND MOVING THE LOAD BEING UTILIZED IN ACCORDANCE WITH API RP 2D, PARAGRAPHS 3.2.1, 3.2.2 AND 3.2.3 AND API SPEC 2C, PARAGRAPH 7.5.4.3.?**
Authority: 30 CFR 250.108 Enforcement Actions: C
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- I-103 **ARE PROCEDURES FOR PERSONNEL TRANSFER PERFORMED IN ACCORDANCE WITH RECOMMENDED PRACTICES SPECIFIED IN API RP 2D, PARAGRAPH 3.4 AND APPENDIX B, PARAGRAPH B.3.4?**
Authority: 30 CFR 250.108 Enforcement Actions: C
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- I-104 **ARE CRANES WHICH ARE POSITIONED IN THE PROXIMITY OF HELIDECKS OR APPROACH/TAKE-OFF ZONES NOT OPERATED DURING HELICOPTER OPERATIONS IN ACCORDANCE WITH API RP 2D, PARAGRAPH 3.1.5M?**
Authority: 30 CFR 250.108 Enforcement Actions: W
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- I-105 **IF DEFICIENCIES THAT IMPAIR SAFE OPERATION ARE KNOWN, IS THE CRANE TAKEN OUT OF SERVICE OR ITS OPERATION RESTRICTED TO ELIMINATE THE UNSAFE CONDITION IN ACCORDANCE WITH API RP 2D, PARAGRAPH 3.1.5c?**
Authority: 30 CFR 250.108 Enforcement Actions: C

Crane Safety Devices

I-111 IS AN OPERABLE SWING MECHANISM INSTALLED THAT IS CAPABLE OF SMOOTH STARTS AND STOPS WITH CONTROLLABLE RATES OF ACCELERATION AND DECELERATION AS SPECIFIED IN API SPEC 2C PARAGRAPH 9.1 ON EACH CRANE MANUFACTURED AFTER MARCH 17, 2003, AND ON EACH CRANE ON A FIXED PLATFORM INSTALLED AFTER MARCH 17, 2003?

Authority: 30 CFR 250.108

Enforcement Actions: W/C

I-112 IS AN OPERABLE BOOM HOIST 'HIGH LIMITER' OR 'SHUT-OFF' PROVIDED TO AUTOMATICALLY STOP THE BOOM HOIST WHEN THE BOOM REACHES A PREDETERMINED HIGH ANGLE, AS SPECIFIED IN API SPEC 2C, PARAGRAPH 13.1.1, ON EACH CRANE MANUFACTURED AFTER MARCH 17, 2003, AND ON EACH CRANE ON A FIXED PLATFORM INSTALLED AFTER MARCH 17, 2003?

Authority: 30 CFR 250.108

Enforcement Actions: W/C

I-113 ARE BOOM STOPS PROVIDED TO RESIST THE BOOM FROM FALLING BACKWARDS IN A HIGH WIND OR SUDDEN RELEASE OF THE LOAD, AS SPECIFIED IN API SPEC 2C, PARAGRAPH 13.1.2, ON EACH CRANE MANUFACTURED AFTER MARCH 17, 2003, AND ON EACH CRANE ON A FIXED PLATFORM INSTALLED AFTER MARCH 17, 2003?

Authority: 30 CFR 250.108

Enforcement Actions: C

I-114 IS A 'BOOM ANGLE' OR 'LOAD RADIUS INDICATOR' READABLE FROM THE OPERATOR'S STATION PROVIDED, AS SPECIFIED IN API SPEC 2C, PARAGRAPH 13.1.4.1, ON EACH CRANE MANUFACTURED AFTER MARCH 17, 2003, AND ON EACH CRANE ON A FIXED PLATFORM INSTALLED AFTER MARCH 17, 2003?

Authority: 30 CFR 250.108

Enforcement Actions: W/C

I-115 HAVE SECURELY FASTENED GUARDS BEEN INSTALLED ON ALL EXPOSED MOVING PARTS WHICH MAY CONSTITUTE A HAZARD, AS SPECIFIED IN API SPEC 2C, PARAGRAPH 13.2, ON EACH CRANE MANUFACTURED AFTER MARCH 17, 2003, AND ON EACH CRANE ON A FIXED PLATFORM INSTALLED AFTER MARCH 17, 2003?

Authority: 30 CFR 250.108

Enforcement Actions: C

I-116 HAS AN ANTI-TWO BLOCK DEVICE BEEN PROVIDED TO PROTECT HOIST ROPES, STRUCTURAL COMPONENTS AND MACHINERY FROM DAMAGE WHICH MAY OCCUR WHEN TWO SHEAVE GROUPS (e.g., LOAD BLOCK AND BOOM HEAD) COME INTO CONTACT AS THE HOIST CABLE IS DRAWN IN, AS SPECIFIED IN API SPEC 2C, PARAGRAPH 13.7, ON EACH CRANE ON A FIXED PLATFORM INSTALLED BY MARCH 16, 2003?
Authority: 30 CFR 250.108 Enforcement Actions: W/C

I-117 IS THERE A FIRE EXTINGUISHER OF APPROPRIATE SIZE AND TYPE KEPT IN THE CAB OR VICINITY OF THE CRANE IN ACCORDANCE WITH AP1 RP 2D, PARAGRAPH 3.5.2?
Authority: 30 CFR 250.108 Enforcement Actions: C

Load Rating and Tests

I-131 HAVE THE CORRECT STATIC/ON-BOARD AND DYNAMIC/OFF-BOARD LOAD RATING CHARTS BEEN ESTABLISHED FOR ALL CRANES; AND ARE THEY VISIBLE TO THE CRANE OPERATOR WHILE AT THE CONTROL STATION?
Authority: 30 CFR 250.108 Enforcement Actions: C

I-132 ARE WRITTEN REPORTS ON LOAD TESTS PREPARED BY A QUALIFIED CRANE INSPECTOR SHOWING LOAD TEST PROCEDURES AND RESULTS WHEN LOAD TESTS ARE REQUIRED IN ACCORDANCE WITH API RP 2D, PARAGRAPH 4.2.3?
Authority: 30 CFR 250.108 Enforcement Actions: C

I-134 IS THE LOAD BLOCK AND OVERHAUL RATING LABEL(S) PERMANENTLY AFFIXED TO THE HOOK BLOCK AND OVERHAUL BALL, AS SPECIFIED IN AP SPEC 2C, PARAGRAPH 7.5.3.2, ON EACH CRANE MANUFACTURED AFTER MARCH 17, 2003, OR EACH CRANE ON A FIXED PLATFORM INSTALLED AFTER MARCH 17, 2003?
Authority: 30 CFR 250.108 Enforcement Actions: C

Crane Inspections

I-141 HAVE MANUFACTURER'S RECOMMENDATIONS AND OTHER RELEVANT SOURCES BEEN CONSIDERED IN ESTABLISHING THE ACTUAL SCOPE OF THE INSPECTION REQUIREMENTS IN ACCORDANCE WITH API RP 2D, PARAGRAPH 4.1.2 AND APPENDIXC?
Authority: 30 CFR 250.108 Enforcement Actions: W

I-142 HAVE NEW OR RELOCATED CRANES RECEIVED AN INITIAL INSPECTION BY A QUALIFIED INSPECTOR WITH RECORDS MAINTAINED AT AN APPROPRIATE LOCATION FOR FOUR YEARS IN ACCORDANCE WITH API RP 2D, PARAGRAPH 4.1.2.1 AND 4.2.2?

Authority: 30 CFR 250.108

Enforcement Actions: W/C

I-143 HAVE PRE-USE INSPECTIONS BEEN PERFORMED PRIOR TO USE (TYPICALLY DAILY) BY A QUALIFIED CRANE OPERATOR/INSPECTOR WITH RECORDS MAINTAINED AT AN APPROPRIATE LOCATION FOR A PERIOD OF FOUR YEARS, IN ACCORDANCE WITH API RP 2D, PARAGRAPHS 4.1.2.2 AND 4.2.2?

Authority: 30 CFR 250.108

Enforcement Actions: W/C

I-144 HAVE MONTHLY INSPECTIONS BEEN PERFORMED BY A QUALIFIED CRANE OPERATOR/INSPECTOR WITH RECORDS READILY AVAILABLE FOR A PERIOD OF FOUR YEARS, IN ACCORDANCE WITH API RP 2D, PARAGRAPH 4.1.2.3 AND 4.2.2?

Authority: 30 CFR 250.108

Enforcement Actions: W/C

I-145 HAVE QUARTERLY INSPECTIONS BEEN PERFORMED BY A QUALIFIED CRANE INSPECTOR WITH RECORDS READILY AVAILABLE FOR A PERIOD OF FOUR YEARS, IN ACCORDANCE WITH API RP 2D, PARAGRAPH 4.1.2.4 AND 4.2.2?

Authority: 30 CFR 250.108

Enforcement Actions: W/C

I-146 HAVE ANNUAL INSPECTIONS BEEN PERFORMED BY A QUALIFIED CRANE INSPECTOR WITH RECORDS READILY AVAILABLE FOR A PERIOD OF FOUR YEARS, IN ACCORDANCE WITH API RP 2D, PARAGRAPHS 4.1.2.5 AND 4.2.2?

Authority: 30 CFR 250.108

Enforcement Actions: W/C

I-147 HAS A WIRE ROPE INSPECTION PROGRAM BEEN ESTABLISHED IN ACCORDANCE WITH API RP 2D, PARAGRAPH 5.1.2; AND ARE INSPECTION RECORDS MAINTAINED FOR A PERIOD OF FOUR YEARS?

Authority: 30 CFR 250.108

Enforcement Actions: W/C

Repairs or Alterations

I-151 HAS A PREVENTATIVE MAINTENANCE PROGRAM BEEN ESTABLISHED WITH RECORDS READILY AVAILABLE FOR A PERIOD OF FOUR YEARS, IN ACCORDANCE WITH API RP 2D, PARAGRAPH 4.3.1?

Authority: 30 CFR 250.108

Enforcement Actions: W/C

I-152 ARE WRITTEN REPORTS CONFIRMING ADEQUACY OF REPAIRS OR ALTERATIONS IN ACCORDANCE WITH API RP 2D, PARAGRAPH 4.3.3c MAINTAINED FOR A PERIOD OF FOUR YEARS?

Authority: 30 CFR 250.108

Enforcement Actions: W/C

I-153 ARE REPAIRS OR REPLACEMENTS OF CRITICAL COMPONENTS MADE AS SOON AS PRACTICAL IN ACCORDANCE WITH API RP 2D, PARAGRAPH 4.3.3b?

Authority: 30 CFR 250.108

Enforcement Actions: C

Slings

I-161 ARE SLINGS OF ALL TYPES, GRADES, AND CONSTRUCTIONS IDENTIFIED AS REQUIRED IN API RP 2D, PARAGRAPH 5.2.4b?

Authority: 30 CFR 250.108

Enforcement Actions: C

I-162 ARE SLINGS PROPERLY STORED WHEN NOT IN USE IN ACCORDANCE WITH API RP 2D, APPENDIX G, PARAGRAPH G.5.2.1?

Authority: 30 CFR 250.108

Enforcement Actions: W/C

Certification

I-171 IS THE LESSEE ENSURING THAT THE MANUFACTURER IS CERTIFYING EACH CRANE MANUFACTURED AFTER MARCH 17, 2003, OR THAT EACH CRANE ON A FIXED PLATFORM INSTALLED AFTER MARCH 17, 2003, MEETS THE DESIGN, MATERIAL AND DIMENSIONAL SPECIFICATIONS USED IN THE CALCULATIONS AND HAS BEEN AUTHENTICATED IN ACCORDANCE WITH API SPEC 2C, PARAGRAPHS 5.5 AND 6.2?

Authority: 30 CFR 250.108

Enforcement Actions: C

Personnel Qualifications

I-181 DO ONLY QUALIFIED PERSONNEL PERFORM RIGGING OPERATIONS IN ACCORDANCE WITH API RP 2D, PARAGRAPHS 2.44, 3.1.3, AND 3.1.4?

Authority: 30 CFR 250.108

Enforcement Actions: C

I-182 ARE CRANES OPERATED ONLY BY QUALIFIED PERSONNEL IN ACCORDANCE WITH API RP 2D, PARAGRAPHS 3.1.1?

Authority: 30 CFR 250.108

Enforcement Actions: W/C

I-183 ARE CRANE INSPECTORS QUALIFIED IN ACCORDANCE WITH API RP 2D, PARAGRAPH 2.43?

Authority: 30 CFR 250.108

Enforcement Actions: C

Material Handling

I -190 IS ALL MATERIAL-HANDLING EQUIPMENT OPERATED AND MAINTAINED IN A MANNER THAT ENSURES SAFE OPERATIONS AND PREVENTS POLLUTION?

Authority: 30 CFR 250.108(f)

Enforcement Actions: C
