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| **Global Request 2007-1** |  |  |  |
| *SUBJECT:* **Responsibilities of Personnel** | | | |
| *REQUEST:* Each Subcommittee shall review the current B30.5 Responsibilities section (B30.5-3 2007) for possible incorporation into their Volume. Personnel listed in the Responsibilities section might include; Lift Director, Site Supervisor, Crane/Equipment Owner, Crane/Equipment User, and Crane/Equipment Operator. The SC shall report back to the MC if they believe this inclusion is not feasible for their Volume. | | | |
| Approved 2007 - Removed from Survey in January 2016 | | | |
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| **Global Request 2009-1** |  |  |  |
| *SUBJECT:* **Maintenance Program** | | | |
| *REQUEST:* Each Subcommittee is to ensure that if their Volume references a maintenance program for the equipment in their document with the following wording used: "A preventive maintenance program shall be established and should be based on the recommendations outlined in the crane manufacturer’s manual." | | | |
| MC approved January 2009 and reconfirmed with B30.5 wording incorporated at the January 2010 Meeting. Removed from Survey in January 2016 | | | |
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| **Global Request 2009-2** |  |  |  |
| *SUBJECT:* **Controls Marking** | | | |
| *REQUEST:* Subcommittees are to review their Volume and should determine if “operating controls” are required to be marked. If not, then the SC will make efforts to ensure that the proper and legible marking of controls is a “shall” requirement. This should also be considered for inclusion as an inspection requirement covered under Removal Criteria as applicable. | | | |
| Approved January 2009 Meeting - Removed from Survey in January 2016 | | | |
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| **Global Request 2009-3** |  |  |  |
| *SUBJECT:* **Operator Aids** | | | |
| *REQUEST:* Subcommittees who’s Volume contains load handling equipment (lifting or pulling) are requested to review their document to determine if operator aids are referenced. If these devices are in use on current equipment, the SC is instructed to incorporate usage and inspection requirements as applicable, or report back to the MC as to why this equipment should not be included. The definition from B30.5 is as follows, "operational aid: an accessory that provides information to facilitate operation of a crane or that takes control of particular functions without action of the operator when a limiting condition is sensed. Examples of such devices include, but are not limited to, the following: anti–two block device, rated capacity indicator, rated capacity (load) limiter, boom angle or radius indicator, lattice boom hoist disconnect device, boom length indicator, crane level indicator, drum rotation indicator, load indicator, and wind speed indicator." | | | |
| Approved January 2009 Meeting, additional wording was added during the January 2010 meeting. - Removed from Survey in January 2016 | | | |
| **Global Request 2009-4** |  |  |  |
| *SUBJECT*: **“Minimum Breaking Force” – global definition** | | | |
| *REQUEST*: Each Subcommittee needs to review the following definition and consider if it is appropriate for inclusion into their Volume. It is intended as a global ASME B30 definition and will serve as a replacement for wire rope references that currently use the phrases such as; Catalog Breaking Strength, Nominal Breaking Strength, Breaking Strength, Minimum Break Force, etc. The SC is requested to alert the MC if this replacement of definition is not feasible. | | | |
| Definition: minimum breaking force: the minimum load at which a new and unused wire rope will break when loaded to destruction in direct tension. | | | |
| Revised wording approved at the January 2010 meeting. Removed from Survey in January 2016 | | | |
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| **Global Request 2009-5** |  |  |  |
| *SUBJECT:* **Referencing Documents by Date (Chapter 0)** | | | |
| *REQUEST:* When submitting a Volume for re-publication all Subcommittees shall list their desired references in Chapter 0 using the appropriate issue date which best suits the Volume reference. Example: B30.10-2009. In addition, all subcommittees should be reviewing the latest updates to their referenced standards when they revise their standards. | | | |
| Approved Sept 2009 Meeting - Removed from Survey in January 2016 | | | |
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| **Global Request 2011-1 - Replaced by 2016-2** |  |  |  |

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| **Global Request 2011-2** |  |  |  |
| *SUBJECT:*  **Global revision removing the term “Direct Supervision”** | | | |
| *REQUEST: B30.2-3.1.1(a)(2); B30.2-3.1.3(b); B30.3-3.1.1(a)(2);  B30.4-3.1.1(a)(2);  B30.6-3.2.1(b);  B30.7-3.1.1(a)(2);  B30.8-3.1.1(a)(2);  B30.11-3.1.1(a)(2);  B30.13-3.1.1(a)(2);  B30.14-3.1.1(a)(2);  B30.17-3.1.1(a)(2;)  B30.18-3.1.1(a)(2); 18-3.1.3(b); 18-3.1.5;  B30.19-3.1.1(a)(2);  B30.20-1.4.4(a)(2); B30.20-2.4.4(a)(2); B30.20-3.4.4(a)(2); B30.20-4.4.4(a)(2); B30.20-5.4.4(a)(2);  B30.22-3.1.1(a)(2);  Delete Current Language: "trainees under the direct supervision of a designated person" Replace with: "trainees under the supervision of a designated person, the number of trainees permitted to be supervised by a single designated person, the physical location of the designated person while supervising, and the type of communication required between the designated person and the trainee shall be determined by a qualified person."* | | | |
| *B30.5-3.1.1(a)(2)  Delete Current Language: "…While operating the crane, the trainee must be under the direct supervision of a designated, qualified operator." Replace with: "trainees shall be under the supervision of a designated person, the number of trainees permitted to be supervised by a single designated person, the physical location of the designated person while supervising, and the type of communication required between the designated person and the trainee shall be determined by a qualified person."* | | | |
| *B30.25-3.1.1(a)(2) Delete Current Language: "qualified trainees under the direct supervision of a designated and qualified operator" Replace with: "trainees under the supervision of a designated person, the number of trainees permitted to be supervised by a single designated person, the physical location of the designated person while supervising, and the type of communication required between the designated person and the trainee shall be determined by a qualified person."* | | | |
| *B30.27-3.1.1(a)(2) Delete Current Language: "…While operating, the trainee shall be under the direct supervision of a designated, qualified operator." Replace with: "trainees shall be under the supervision of a designated person, the number of trainees permitted to be supervised by a single designated person, the physical location of the designated person while supervising, and the type of communication required between the designated person and the trainee shall be determined by a qualified person."* | | | |
| Approved May 2011 | | | |

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| **Global Request 2011-3** |  |  |  |
| *SUBJECT:*  **DEFINITIONS OF APPOINTED, AUTHORIZED, DESIGNATED AND QUALIFIED PERSONS** | | | |
| *1. Provide a paragraph on personnel competence to cover persons performing the functions addressed in the volume (e.g., inspection, maintenance, testing, operation, signaling, lift direction, supervision). Chapter XX-0 appears to be the appropriate section for placement as it bridges multiple chapters. To do so, the title of the chapter would change to “Scope, Definitions, References, and Personnel Competence”. The paragraph would state: “SECTION XX-0.4 Personnel Competence Persons performing the functions identified in this volume shall meet the applicable qualifying criteria stated in this volume and shall, through education, training, experience, skill, and physical fitness, as necessary, be competent and capable to perform the functions as determined by the employer or employer’s representative.” [If there are no specific qualifying criteria in the volume, the phrase “shall meet the applicable qualifying criteria stated in this volume and” should be deleted.] This places responsibility on the employer/supervisor for ensuring all persons performing the functions identified in the volume (inspection, maintenance, testing, operation, signaling, supervision, etc.) have the necessary knowledge, skill, and ability to perform their assigned functions.* | | | |
| *2. Delete the definition for “appointed”. This is a commonly understood word and a special definition is not required.* | | | |
| *3. Delete the definition for “authorized”. The current definition is “appointed by a duly constituted administrative or regulatory authority”. However, where the word is used in the text of the volumes, it is rarely, if at all, used in this context but in its commonly understood meaning. If reference to an administrative or regulatory authority is required, it can be so stated in the text of the paragraph where this is addressed.* | | | |
| *4. Delete the definition for “designated person”. The new paragraph on personnel competence removes the need for a special definition for this term and permits it to be used in its commonly understood context, i.e., assigned by the employer or supervisor.   Where reference to a “designated person”, “appointed person”, or “authorized person” is needed, use the term “designated person” for consistency.* | | | |
| *5. Continue to use the current definition of “Qualified Person”.  The term “qualified person” should be used in the context of an expert, consultant, engineer, etc., with advanced knowledge of the subject matter who can resolve issues that are beyond the competence of the inspectors, maintenance personnel, lift directors, etc., who perform the regular functions associated with the particular volume.* | | | |
| Approved May 2011 | | | |

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| **Global Request 2011-4** |  |  |  |
| *SUBJECT:* **Duty Cycle** | | | |
| *1. Delete "Repetitive Lift" from all Volumes  The term did not elicit much comment from any volume’s subcommittee other than it could be easily deleted.* | | | |
| *2. “Duty Cycle” – The term received extensive discussion from the volumes and, while the discussions seem to indicate a need for the term as it is currently used, there was not a generally “similar approach” to any definition between the volumes, that might allow the development of a standard definition.  Recommendation: Each of the volumes using the term, evaluate its use and decide which of the listed approaches serves the volume the best. The approaches are to:  a) leave the term in use and undefined;  b) leave the term in use but develop a volume specific definition; c) delete the term from the volume.* | | | |
| Approved May 2011 | | | |
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| **Global Request 2014-1** |  |  |  |
| *SUBJECT:* **Inspections by** **Designated and Qualified Persons** | | | |
| *REQUEST:* The Subcommittee shall review their Volume to determine the assignment of “designated” vs. “qualified” person as regards inspection of equipment. The SC will respond to the MC if they believe this modification is not feasible in their Volume. | | | |
| Recommended Example: In the beginning of sections on both cranes and wire rope inspections a new item is added under “General” and then all references to who performs and evaluates the different types of inspections elsewhere are deleted. | | | |
| INSPECTION | | | |
| General (a) All inspections shall be performed by a designated person. Any deficiencies identified shall be examined and a determination made by a qualified person as to whether they constitute a hazard, and if so, what additional steps need to be taken to address the hazard. | | | |
| Inspection Classification | | | |
| (a) Initial inspection. Prior to initial use, all new, reinstalled, altered or modified cranes shall be inspected to verify compliance with the applicable provisions of this volume. | | | |
| ROPE INSPECTION, REPLACEMENT AND MAINTENANCE | | | |
| General (a) All inspections shall be performed by a designated person. Any deficiencies identified shall be examined and a determination made by a qualified person as to whether they constitute a hazard, and if so, what additional steps need to be taken to address the hazard. | | | |
| *Rationale: The Main Committee believes that:* | | | |
| 1. This will simplify the inspection sections. | | | |
| 2. It is not necessary that a qualified person, by ASME definition, inspect the crane but that a qualified person must evaluate the inspection findings. By ASME definition a designated person is capable of inspecting a crane and noting findings, but not necessarily evaluating them. Therefore a qualified person is required for that. This wording does not preclude the owner from designating a qualified person as the inspector. | | | |
| This revision to previous Global Revision request #2009-6 | | | |
| Approved September 2014 | | | |

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| **Global Request 2014-2** |  |  |  |
| *SUBJECT:* **Definition of Should and Shall** | | | |
| *Request:* The following is the definition wording from the proposal that will be need to be added to the definitions section of the Volumes: | | | |
| *“shall*: a word indicating a requirement” |  |  |  |
| “*should*: a word indicating a recommendation” |  |  |  |
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| *Rationale:* To be consistent among all volumes, the main committee approved a motion to revise the definitions of should and shall to keep to the basic meanings expressed in Section VI of the B30 Standard Introduction. | | | |
| Approved September 2014 | | | |
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| **Global Request 2014-3** | | | |
| *SUBJECT:* **Rigger Responsibilities** | | | |
| *Request:* The B30 Main Committee requests that the subcommittees review the following language and consider them for incorporation into their Volume. | | | |
| Riggers assigned to a load handling activity shall at a minimum be responsible for:  1. Ensuring the weight of the load and its approximate center of gravity have been obtained, provided or calculated. 2. Selecting the proper rigging equipment, inspecting it, and complying with the applicable operating practices according to the criteria of the applicable ASME volume (i.e., B30.9, B30.10, B30.20, B30.23, B30.26). 3. Ensuring the rated load of the rigging equipment as selected and configured is sufficient for the load to be handled, based on the number of legs, hitch configuration and effects of angles. 4. Properly attaching the rigging equipment to the hook, shackle, or other load handling device. | | | |
| 5. Ensuring that rigging equipment is adequately protected from abrasion, cutting or other damage, during load handling activities. 6. Rigging the load in a manner to ensure balance and stability during the load handling activity. 7. Knowing and understanding the applicable signals for the equipment in use. 8. Installing and using a tag line(s) when additional load control is required. | | | |
| *Rationale:* To be consistent among all volumes. The main committee did not designate which standards shall incorporate these into their Volumes, it is up to the Subcommittee to review and determine if it is applicable. | | | |
| Approved September 2014, (3) modified and approved during the May 2015 meeting. | | | |

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| **Global Request 2015-1** | | | |
| *SUBJECT:* Lexicon Consistency | | | |
| Request: Subcommittees to review their definitions sections and: | | | |
| 1) Delete definitions not used in the Volume. |  |  |  |
| 2) SC Chairs to take the work of the ad hoc committee and review and apply, as appropriate, those definitions to their Volume. The lexicon definitions are a recommendation and the proposed definitions are not a mandate. The subcommittees should be working toward reducing the overall number of B30 definitions. | | | |
| 3) Definitions shall appear as they are referenced in the Volumes (e.g. "brake, holding" would change to "holding brake") | | | |
| Rationale: To be consistent among all volumes. The main committee did not designate which standards shall incorporate these into their Volumes, it is up to the Subcommittee to review and determine if it is applicable. | | | |
| Item 1 Approved May 2015 meeting. Item 2 revised during January 2016 meeting and item 3 added in the January 2016 meeting. | | | |

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| **Global Request 2015-2** |
| *SUBJECT: Crane Operator Physical Exams* |
| *Request:* All SCs to review the operator physical exam requirements in their Volumes. The requirements in B30.5 should be reviewed as a reference. SC to determine if there should be revisions to their Volume’s operator physical requirements. |
| From B30.5-2014 5-3.1.2 Qualifications for Operators Operators shall be required to successfully meet the qualifications for the specific type of crane (see Figs. 5-0.2.1-1 through 5-0.2.1-10) that they are operating. (a) Operator and operator trainees shall meet the following physical qualifications unless it can be shown that failure to meet the qualifications will not affect the operation of the crane. In such cases, specialized clinical or medical judgments and tests may be required. (1) vision of at least 20/30 Snellen in one eye and 20/50 in the other, with or without corrective lenses. (2) ability to distinguish colors, regardless of position, if color differentiation is required.  (3) adequate hearing to meet operational demands, with or without hearing aid. (4) sufficient strength, endurance, agility, coordination, and speed of react ion to meet the operation demands. (5) normal depth percept ion, field of vision, reaction time, manual dexterity, coordination, and no tendencies to dizziness or similar undesirable characteristics. (6) a negative result for a substance abuse test. The level of testing will be determined by the standard practice for the industry where the crane is employed and this test shall be confirmed by a recognized laboratory service. (7) no evidence of having physical defects or emotional instability that could render a hazard to the operator or others, or that in the opinion of the examiner could interfere with the operator ’s performance. If evidence of this nature is found, it may be sufficient cause for disqualification. (8) no evidence of being subject to seizures or loss of physical control; such evidence shall be sufficient reason for disqualification. Specialized medical tests may be required to determine these conditions. |
| *Rationale:* There is great discrepancy in the operator physical requirements in the B30 Volumes. Jim Danielson noted the following during the September 2015 meeting: “22 volumes currently have operator responsibilities to only operate the equipment when physically and mentally fit. 17 volumes have a requirement for a physical 16 of those volumes have vision requirements, ability to see colors and hearing requirements 15 of them have requirements for sufficient strength, endurance, agility, etc. and no evidence of being subject to seizures or loss of physical control 14 of them have requirements for depth perception, field of vision, reaction time, dexterity, etc. and no evidence of physical defects or emotional instability that could cause a hazard 9 of them require passing a drug test 8 of them require providing evidence of passing the physical And 5 of them have a requirement for the physical every three years.  Volumes 3, 5, 22, 27 & 29 are all worded the same. All the others have some differences in phrasing. The global is to compare to B30.5, being one of them that is consistent and includes everything above. |
| Approved during September 2015 meeting. September 2016 clarified that all physical requirements need to be reviewed in each of the Volumes, not just those outlined above. |
| **Global Request 2016-1** |
| *SUBJECT:* Signalperson Responsibilities |
| *Request:* The B30 Main Committee requests that the subcommittees review the following language and consider it for incorporation into their Volume. |
| A signalperson assigned to a load handling activity shall at a minimum be responsible for: |
| 1. Identifying himself / herself as the signalperson to the load handling equipment operator(s) before commencing a load handling activity. |
| 2. Confirming with the operator the method of communication and the associated signals that are to be used during the load handling activity. |
| 3. Ensuring that standard, discernible hand or voice signals provided to the operator are in accordance with para. X-X.X.X [insert reference per Volume]. |
| 4. Verifying that load handling activities are stopped if there is a need to give instructions to the operator, other than those provided by the established signal system. |
| 5. Ensuring that telephones, radios or other equipment intended for use as the primary signal system are tested prior to the load handling activity. |
| 6. Ensuring that a form of communication is maintained with the operator during all load handling activities. |
| 7. Ensuring that all directions given to the operator shall be given from the operator’s perspective (e.g., swing right). [as applicable per Volume] |
| 8. Ensuring that each series of voice signals contains three elements stated in the following order:  a) function and direction  b) distance and/or speed  c) function stop    NOTE: These are some examples of signals.  a) swing right 50 ft, 25 ft, 15 ft, 10 ft, 5ft, 2 ft, swing stop [as applicable per Volume]   b) lower 100 ft, 50 ft, 40 ft, 30 ft, …2 ft, lower stop [as applicable per Volume]  c) hoist slow, slow, slow, hoist stop [as applicable per Volume] |
| 9. Ensuring that special signals (when needed) that are not covered by para. X-X.X.X [insert reference per Volume] do not conflict with standard signals. |
| 10. Avoiding giving signal commands that would result in loads being lifted over personnel whenever possible. |
| *Rationale:* To be consistent among all volumes. The main committee did not designate which standards shall incorporate these into their Volumes, it is up to the Subcommittee to review and determine if it is applicable. |
| Approved during January 2016 meeting. |

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| **Global Request 2016-2 (Replaces Global Request 2011-1) - Guidance** | | | |  |  |  |
| *SUBJECT: Translation of safety-related information and control designations* | | | |  |  |  |
| *Request:* The B30 Main Committee requests that the subcommittees review the following language and consider it for incorporation into their Volume. | | | |  |  |  |
| New Definition original language(s): language(s) used by the manufacturer to develop product instructions and manual(s). References to ISO 7000, ISO 7296 need to be added | | | |  |  |  |
| Section X-1.X: Technical and Safety-Related Instructions and Manuals The manufacturer shall provide instructions and manual(s) for the operation, inspection, testing, maintenance, assembly and disassembly of the equipment.  (a) The instructions and manuals shall be provided in a language specified by the purchaser at the time of the initial sale by the manufacturer. (b) Pictograms used to identify controls shall be described in the instructions. The pictograms should comply with ISO 7000, ISO 7296, or other recognized source, if previously defined. (c) Translations of the original language instructions [if the manufacturer no longer exists, translation of the instructions with the machine is acceptable] shall meet professional translation industry standards, which include, but are not limited to, the following:  (1) translating the complete paragraph message, instead of word by word  (2) ensuring grammatical accuracy  (3) preserving the source document content without omitting or expanding the text  (4) translating the terminology accurately  (5) reflecting the level of sophistication of the original document (d) The finished translation shall be verified for compliance with paragraphs (c)(1) through (c)(5) by a qualified person having an understanding of the technical content of the subject matter. | | | |  |  |  |
| Section X-3.Y: Translation of Technical and Safety-Related Information and Manual(s).  The entities responsible for the operation use, inspection, testing, maintenance, assembly and disassembly of the covered equipment shall have the technical and safety-related information available in a language that their employees can read and understand. If the information is not available in a language understood by their employees, the entities shall obtain a translation of the original manufacturer’s technical and safety related information from the manufacturer or from a translation service provider. The translation(s) shall meet the requirements of Section X-1.X (c) and (d). Note: The Subcommittee will have to determine where the paragraph is placed, It may fit in Chapter 1 or in Chapter 3, the subcommittee to determine the best placement. | | | |  |  |  |
| Approved during May 2016 meeting to replace Global Request 2011-1. Testing was added to Section X-1.X during the September 2016 meeting. “and verify removed from definition of original language Jan 2017. | | | |  |  |  |
| Approved during the January 2022 meeting:  ASME editors requested that the highlighted parenthetical not be included in the location where it is shown above in (c). | | | |  |  |  |
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