

CU TR 010/2011 and 032/2013 Operation Manual (Instruction) Requirements

Operation Manual (Instruction) must include the following:

- 1) Information on design, principle of operation, characteristics (properties) of machines and (or) equipment
- 2) Instructions on installation or assembly, set up or adjustments, technical maintenance and repair of machines and (or) equipment
- 3) Instruction on use of machines and (or) equipment; and safety measures to follow at operational stage of machines and (or) equipment: including during commissioning, use for intended purposes, technical maintenance, all types of repairs, periodic diagnosis, testing, transportation, packaging, conservation and storage conditions
- 4) Intended resource characteristics (specified storage period and service life and (or) expected life) depending on design features

Upon expiration of intended resource characteristics (specified storage, service and life cycle) machines and (or) equipment shall be withdrawn from operation and a decision shall be taken on whether to repair, dispose, or check and fix with new intended resource characteristics (specified storage service and life cycle)

- 5) List of possible critical failures and possible erroneous actions of personnel, which may result in an incident or breakdown
- 6) Actions of personnel in case of incident, critical failure or breakdown
- 7) Criteria of limiting states
- 8) Instructions on withdrawal from operation and disposal
- 9) Information on competency of service staff
- 10) The name, location and contact information of the manufacturer (manufacturer's authorized person), the importer.
- 11) Where machines and (or) equipment are intended for use by non-professional operators, operation manuals (instructions) shall take account of knowledge, skills and experience of such operators.