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APPENDIX 3

International Requirements for Waste Management

Purpose

To specify international standards and other requirements formally adopted by Sakhalin Energy in relation to waste management, in accordance with Russian Federation, Lender and Shareholder requirements.

Who is this for?

- *Managers*¹;
- *HSE Professionals*.

Requirements

Waste management activities shall comply with the provisions of the following internationally recognized standards and conventions (ratified by Russian Federation) and other requirements:

- IFC Performance Standard 3 Resource Efficiency and Pollution Prevention (January 1, 2012), Clause 12 Wastes
- IFC Environmental, Health and Safety Guidelines for Waste Management Facilities (December 2007).
- IFC Environmental, Health and Safety Guidelines for Offshore Oil and Gas Development (June 2015).
- IFC Environmental, Health and Safety Guidelines for Onshore Oil and Gas Development (April 2007).
- IFC Environmental, Health and Safety Guidelines for LNG Facilities (April 2017)
- Directive 2008/98/EC on waste (Waste Framework Directive)
- Directive 2000/59/EC of the European Parliament and of the Council on port reception facilities for ship-generated waste and cargo residues (amended by: 2002/84/EC; 2007/71/EC; Regulation (EC) № 1137/2008 of 22 October 2008).
- Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control).
- Council Directive concerning urban waste water treatment 91/271/EEC (amended by 98/15/EC; Regulation (EC) №1882/2003 of 29 September 2003; Regulation (EC) №1137/2008 of 22 October 2008).
- Council requirements for Directive on the landfill of waste 1999/31/EC (amended by: Regulation (EC) №1882/2003 of 29 September 2003; Regulation (EC) №1137/2008 of 22 October 2008, 2011/97/EU).
- “Basel Convention on Control of Transboundary Movements of Hazardous Wastes and their Disposal”, adopted in Basel in March 1989 and ratified by Russia in 1994 (Russian Federal Law, “On Ratification of the Basel Convention”, 25 November 1994, No. 49-FZ).
- “Stockholm Convention on Persistent Organic Pollutants”, adopted in Stockholm on 23 May 2001 and signed by the RF Government on 22 May 2002 (Resolution of the Government of the Russian Federation, “On Signing of the Stockholm Convention on Persistent Organic Pollutants”, 18 May 2002, No. 320).
- MARPOL 73/78, “International Convention for the Prevention of Pollution from Ships – Annexes I through VI”, 1978 (with amendments of 19 May 2005), as it applies to offshore operations and vessels under Sakhalin Energy control.
- Convention of Prevention of marine Pollution by Dumping of Wastes and Other Matter (London Dumping Convention), 1972 and 1996 Protocol to the Convention.

¹ Italicised items in this document are included in the [Sakhalin Energy HSE Glossary](#).

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The Waste Management Standards Comparison² report provides a detailed review of the requirements of certain standards in relation to the specification of Sakhalin Energy Assets and activities and identifies any approved exceptions / deviations / derogations.

Plans for abandonment and decommissioning of disposal facilities (in case there are any in the Company's ownership) should include solid waste management plans compliant with international standards relevant at the time (EIA V2-2.6, V2-3.13.1).

² Underlined items in this document refer to Sakhalin Energy Controlled Documents.