

Application of Transport Regulations to NORM: Practical Guide

This paper provides an update on the issues associated with the transport of naturally occurring radioactive materials (NORM) in the mining and mineral processing industry and is an update of an earlier publication on the same topic, prepared by two of the authors from the original 2007 paper [1]. The update is required due to regulatory changes and several identified inaccuracies in the earlier publication.

Furthermore, the arguments in the 2007 publication were based on the 2005 IAEA Regulations for the Safe Transport of Radioactive Material and the 2002 Advisory Material for the Regulations. In the interim, both the International Regulations and the Advisory Material were reissued several times, with documents [2] and [3] being currently applicable. Also, since the time of publication of the previous version of this paper, the regulations in Australia have also changed three times with document [4] being currently applicable.

A preliminary assessment of the applicability of the current Transport Safety Regulations to NORM was carried out by Calytrix Consulting in 2016-2019 and an informal technical reference note was published online in August 2019, together with a NORM Exemption calculator created in MS Excel

Country or International Organization

Instructions

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Track Classification: Track 1 Legislative and Regulatory Framework for Safe and Secure Transport