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## OFFSHORE DISMANTLING AND DECONTAMINATION OF LSA CONTAMINATED PRODUCTION INSTALLATIONS

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Reym and RTD have gained experience with offshore dismantling and decontamination of LSA contaminated production installations and single components thereof. Carrying out these activities offshore has preference over the execution of these activities onshore because it does not bear the costs and environmental risks of the transfer of contaminated installations parts or whole platforms to an onshore location. Another main advantage is that part of the platform's production facilities can be used during the work and/or may be kept on stream for a maximum period of time.

A full scale technical and radiological survey of the site and process systems is conducted prior to execution of the activities. Based on this survey a plan of action and safety case is drawn up in co-operation with the platform operator and presented to the relevant authorities.

Risks to workers and the environment are minimised by using a closed loop separation method with specially developed equipment for the LSA-contaminated waste streams.

The working procedures and decontamination process are focused on the objective to achieve maximum separation and concentration of various waste streams. To meet this objective, during the activities the various waste streams are frequently sampled and analysed in an offshore laboratory in order to determine the best possible decontamination method and the final waste disposal route. This results in a significant reduction in final treatment and disposal expenses.