



Abstract

A small-sized Greek company working with marine life-saving appliances (life rafts etc) is looking for appropriate know-how and products which can help in recycling the waste items of the appliances serviced. The wide variety includes: glass reinforced plastic, rubber, dry powder from extinguishers, pyrotechnics, food ration, anti sea-sickness tablets, synthetic foam concentrates etc. The company is looking for commercial agreement with technical assistance.

Description

Every vessel has to carry life-saving appliances onboard. These appliances include mainly life rafts, personal floating devices and other equipment. Every life raft, regardless of whether it is stand-alone or part of a marine evacuation system, must have the following equipment that expires on different dates, depending also on the capacity of the life raft :

- 1) One year expiration items: Batteries, chemical glue
- 2) Three years: Red hand flares, smoke signals, parachute rockets (pyrotechnics)
- 5) Five Years: water ratio, food ratio, bungee cords, rubber hoses etc.

Additionally, spare parts such as the GRP (glass reinforced plastic) container, ropes, neoprene, rubber etc are being repaired when needed during the annual inspection. The annual inspection also is carried out and on the fire fighting appliances such as fire extinguishers, foam concentrates etc.

All the above maintenance activities result in the production of multi type waste materials. The Greek company wishes to deal with some or all the above categories, firstly for the in-house requirement to comply with the environment regulations and secondly to expand its activities in collecting waste material from other sources and dispose or recycle properly.

Technical Specifications / Specific technical requirements of the request

Products and know-how in recycling and disposal technologies, in the materials can be found in vessel safety equipment. These materials include: rubber, neoprene, batteries, chemical glue, red hand flares, smoke signals, parachute rockets, water ratio, food ratio, bungee cords, rubber hoses, GRP, extinguishers, foam concentrates etc.

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