

Oral 1.4

**PERSONAL DOSIMETRY TO RADIATION WORKERS
UPGRADING OLD PETROLEUM OIL FIELD**

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Radiation protection consultation and services were carried over the last 15 years in Egypt at several petroleum companies. Egypt issued first NORM Regulation in 2000 , then it was modified in 2006. The main aim of the present work is to report dosimetric experience gained during handling contaminated equipment and to upgrade old oil field. Optimization for protection was carried out using lead blankets. Film badges were distributed to workers. Films were redistributed to personnel every few weeks. More than 700 film badges were distributed during the working period among the health and safety measures were radiation medical monitoring including complete blood picture. For the 5 month period, personnel doses were estimated with an average value less than one mSv.