Bilag 9

5.4.3 Mercury – Edda 2/7C

All samples were analysed with respect to total mercury content. The results are shown in Table 5.2.2 documenting that mercury to some extent is present in all parts of the production equipment.

Extreme levels of mercury (> 10 000 mg/kg) were found in samples from the Gas Export Pipe (EDDA-3) and the Fuel Gas Scrubber (EDDA-18).

Table 5.4.2: Summary of the results from the measurements of mercury content in Debris material in the production lines of **Edda 2/7C**. Abbreviations: CM-Contamination Monitor, CD – Cellar Deck, MD – Main Deck, KB - Kongsberg.

Sample ID	Description	Sampling Date	Mercury mg/kg
EDDA-1	Flare (Oil Return)	23.01.06	1 200
EDDA-2	Flare Flare Line (Edda End)	23.01.06	8 900
EDDA-3	Gas export Pipe (CD)	23.01.06	21 000
EDDA-4	Oil Line to Ekofisk	23.01.06	2 500
EDDA-5	Crude Oil Pump	23.01.06	1 400
EDDA-6	Oil Sump Tank (Jacket)	23.01.06	8 700
EDDA-7	Test Separator Pump	23.01.06	4 000
EDDA-8	Gas Flotation Unit (CD)	23.01.06	130
EDDA-9	Gas Flotation Unit Water Out	23.01.06	65
EDDA-10	Oil Pipe (CD)	23.01.06	3 600
EDDA-11	Fuel Gas Scrubber KB Turbine	23.01.06	1 800
EDDA-12	Flash Tank	23.01.06	4 000
EDDA-13	Oil Metering	23.01.06	8 400
EDDA-14	Oil Metering Filter	23.01.06	5 200
EDDA-15	Test Separator	23.01.06	7 900
EDDA-16	Production Separator (Gas Out)	23.01.06	570
EDDA-17	Gas Scrubber	23.01.06	730
EDDA-18	Fuel Gas Scrubber	23.01.06	14 000
EDDA-19	Glycol Contactor	23.01.06	1 800
EDDA-20	Glycol Reboiler	23.01.06	56
EDDA-21	Glycol Degassing Pot (MD)	23.01.06	610
EDDA-22	Gas Pig launcher	23.01.06	200
EDDA-23	Plate Separator (MD)	23.01.06	41
EDDA-24	Water Surge Tank (MD)	23.01.06	74
EDDA-25	Oil Sump Tank (CD)	23.01.06	260