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SY

**PROFESSIONAL STANDARD OF THE PEOPLE'S
REPUBLIC OF CHINA**

中华人民共和国石油天然气行业标准

SY/T 6788-2010

**Evaluation procedures of environmental
protection for water—Soluble oilfield chemicals
水溶性油田化学剂环境保护技术评价方法**

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Forward

This standard is used by the supporting of SY / T 6787-2010 *Technical requirements for environmental protection for water-soluble oilfield chemicals*.

Annex A and annex B in this standard are normative annexes.

This standard is proposed by and is under the jurisdiction of environmental protection working group of standardization technology committee of petroleum industry.

Drafting units of this standard: CNPC Environmental Inspection Department, HSE testing center of environmental technology research institute of china national petroleum corporation.

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Evaluation procedure of environmental protection for water-soluble oilfield chemicals

1 Scope

This standard specifies the environmental protection requirements and evaluation method of biological toxicity, biodegradability and heavy metal content in soluble oilfield chemicals used in oil and gas field.

This standard applies to the testing and evaluation of biological toxicity, biodegradability and heavy metal content during the production, purchase and use of soluble oilfield chemicals used in oil and gas field.

2 Normative references

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this standard. For the undated documents so quoted, the latest editions shall be applicable to this standard.

GB/T 6679-2003 General rules for sampling solid chemical products

GB/T 6680-2003 General rules for sampling liquid chemical products

GB 7466-1987 Water quality; Determination of total chromium

GB/T 7468-1987 Water quality; Determination of total mercury; Cold atomic absorption spectrophotometry

GB/T 7475-1987 Water quality; Determination of copper, zinc, lead and cadmium; Atomic absorption spectrometry

GB/T 7485-1987 Water quality; Determination of total arsenic; Silver diethyldithiocarbamate spectrophotometric method

GB 11914-1989 Water quality-Determination of the chemical oxygen demand-Dichromate method

SY/T 6787-2010 Technical requirements of environmental for water-soluble oilfield chemicals

HJ/T 86-2002 Water quality -- Determination of biochemical oxygen demand (BOD) --

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