

NIOEC-SP-00-02(0)							
DOCUMENT CODE							NO. OF SHEETS:13
PLAN/PRJ/SUB	UNIT	PHASE	DISCIPLINE	DOCUMENT. TYPE	SERIAL NO.	REV. NO.	DATE
NIOEC	000	EG	CE	SP	0002	A0	JULY 2005



NATIONAL IRANIAN OIL REFINING & DISTRIBUTION COMPANY
NATIONAL IRANIAN OIL ENGINEERING
& CONSTRUCTION COMPANY

NIOEC SP

NIOEC SPECIFICATION FOR SITE PREPARATION EARTHWORK AND SEWERS

FIRST EDITION

JULY, 2005

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IN THE NAME OF GOD**FOREWORD**

By their very nature, technical standard specifications are continuously subject to modifications and revisions. To strengthen their merit and usefulness, continuous improvements, addendum, deletion of disparate information and consequently provision of updated revisions are to be made in order to ascertain that such standard specifications meet the current requirements, inclusive of Iranian Petroleum Standards (IPS) and the recognized and acceptable national and international standards, as well as the optimal codes and practices based on the accumulated in-house know-how and plant knowledge and experiences.

However, in reality, due to several reasons, not to mention the complexity of the matter, the ultimate goal of continuous direct embedment of the required changes on the relevant standard specifications may be far reaching. Therefore, in the interim periods between the officially issued revisions, the required changes will appear in other documents related to the engineering and design work of the on going projects.

In response to the initiative of the Design Division of the Engineering and Construction Directorate, and considering that the task of the execution of several important and mega projects for the realization of the new oil refineries, pipelines and oil terminals as well as improvements of the existing facilities, has been assigned to NIOEC, it was decided to update the NIOEC Specifications and to issue new official revisions.

The Design Division of the Engineering and Construction Directorate was itself entrusted to carry out this important task, and as such by forming several special technical committees, working in close co-operation and cohesion and sharing their expertise and knowledge, the updated and revised NIOEC Specifications were successfully prepared and complied.

These Specifications are intended to be used for Oil Refineries, Distribution Depots, Oil Terminals, Pipelines and Pump Stations within NIOEC's projects, and have been proven to be of high value for such purposes. It must however be appreciated that these Specifications represent the minimum requirements and should in no way be interpreted as a restriction on the use of better procedures, engineering and design practices or materials.

We encourage and highly appreciate the users and other clear sighted and experts to send their comments on the Specifications to the Design Deputy of the Engineering and Construction Director of NIOEC for evaluation and consideration.

S. R. KASAEIZADEH


EXECUTIVE DIRECTOR

EVISION INDEX

REV. PAGE	1	2	3	4	5	REV. PAGE	1	2	3	4	5	REV. PAGE	1	2	3	4	5	REV. PAGE	1	2	3	4	5
1						26						51						76					
2						27						52						77					
3						28						53						78					
4						29						54						79					
5						30						55						80					
6						31						56						81					
7						32						57						82					
8						33						58						83					
9						34						59						84					
10						35						60						85					
11						36						61						86					
12						37						62						87					
13						38						63						88					
14						39						64						89					
15						40						65						90					
16						41						66						91					
17						42						67						92					
18						43						68						93					
19						44						69						94					
20						45						70						95					
21						46						71						96					
22						47						72						97					
23						48						73						98					
24						49						74						99					
25						50						75						100					

NOTES:

- 1) THIS SHEET IS A RECORD OF ALL REVISIONS TO THIS SPECIFICATION.
- 2) REMARKS RELATED TO EACH REVISION SHOW A BRIEF DESCRIPTION. THESE REMARKS SHALL BE INTERPRETED IN CONJUNCTION WITH THE REVISED TEXT MARKED BY REVISION NUMBERS.
- 3) WHEN APPROVED EACH REVISION SHALL BE CONSIDERED AS A PART OF THE ORIGINAL DOCUMENT.
- 4) NUMBER OF PAGES EXCLUDES THIS SHEET AND THE COVER SHEET.

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0	JULY 2005	M.YAQOOBINEJAD	S.M.J.SHEYEDI	M.R.FARZAM	M.A.A.SAJEDI
REV.	DATE	PREPARED	CHECKED	APPROVED	AUTHORIZED

CONTENTS:	PAGE NO.
1. SCOPE.....	4
2. REFERENCES.....	4
3. UNITS.....	5
4. GENERAL	5
5. EXCAVATION	6
5.1 GENERAL.....	6
5.2 STRIPPING, STOCKPILING, SCARIFICATION AND TOPSOIL REMOVAL.....	7
5.3 SHORING AND PROTECTION	7
5.4 STOCKPILING BACKFILL MATERIAL AND DISPOSAL OF EXCAVATED MATERIAL.....	7
5.5 APPLICATION OF WEED KILLER TO SUB GRADE SOIL	7
6. BACKFILLING AND GRADING.....	8
6.1 GENERAL.....	8
6.2 BACKFILL.....	8
6.3 GRADING	9
6.4 TOLERANCE	9
7. SLABS AT GRADE.....	9
8. DIKES, DRAINAGE DITCHES AND SUBGRADE AND SUBBASE FOR ROADS,RAILROADS, PATHWAYS, ETC	9
8.1 GENERAL.....	9
8.2 SUB GRADE.....	9
8.3 SUB-BASE	9
8.4 BALLAST FOR RAILROADS.....	10
8.5 SLOPE	10
8.6 CUTS.....	10
8.7 EMBANKMENTS	10
9. COMPACTION CONTROL	11

10. LIQUEFACTION POTENTIAL	11
11. SEWERS	11
11.1 GENERAL	11
11.2 SANITARY WATER SEWER – SSW	12
11.3 COMBINED OILY WATER-STORM DRAINAGE SYSTEM	12
11.4 MATERIALS	14
11.5 TESTING	14
11.6 TOLERANCES	14
12. TESTING RESPONSIBILITIES	14