|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **طرح نگهداشت و افزایش تولید 27 مخزن** | | | | | | |
| **PACKING, MARKING AND SHIPPING PROCEDURE FOR FIRE WATER PUMPS**  **نگهداشت و افزایش تولید میدان نفتی بینک** | | | | | | |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| V02 | APR. 2025 | AFC | Kalaye Pump | M.Fakharian | S.Faramarzpour |  |
| V01 | FEB. 2025 | AFC | Kalaye Pump | M.Fakharian | S.Faramarzpour |  |
| V00 | NOV. 2024 | IFA | Kalaye Pump | M.Fakharian | S.Faramarzpour |  |
| **Rev.** | **Date** | **Purpose of Issue/Status** | **Prepared by:** | **Checked by:** | **Approved by:** | **CLIENT Approval** |
|  | | | | | | |
| **Status:** | **IFA: Issued for Approval**  **IFI: Issued for Information**  **AFC: Approved for Construction** | | | | | |

**REVISION RECORD SHEET**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PAGE** | **V00** | **V01** | **V02** | **V03** | **V04** |  | **PAGE** | **V00** | **V01** | **V02** | **V03** | **V04** |
| **1** | X | X | X |  |  | **66** |  |  |  |  |  |
| **2** | X | X | X |  |  | **67** |  |  |  |  |  |
| **3** | X |  |  |  |  | **68** |  |  |  |  |  |
| **4** | X | X | X |  |  | **69** |  |  |  |  |  |
| **5** |  |  | X |  |  | **70** |  |  |  |  |  |
| **6** |  |  |  |  |  | **71** |  |  |  |  |  |
| **7** |  |  |  |  |  | **72** |  |  |  |  |  |
| **8** |  |  |  |  |  | **73** |  |  |  |  |  |
| **9** |  |  |  |  |  | **74** |  |  |  |  |  |
| **10** |  |  |  |  |  | **75** |  |  |  |  |  |
| **11** |  |  |  |  |  | **76** |  |  |  |  |  |
| **12** |  |  |  |  |  | **77** |  |  |  |  |  |
| **13** |  |  |  |  |  | **78** |  |  |  |  |  |
| **14** |  |  |  |  |  | **79** |  |  |  |  |  |
| **15** |  |  |  |  |  | **80** |  |  |  |  |  |
| **16** |  |  |  |  |  | **81** |  |  |  |  |  |
| **17** |  |  |  |  |  | **82** |  |  |  |  |  |
| **18** |  |  |  |  |  | **83** |  |  |  |  |  |
| **19** |  |  |  |  |  | **84** |  |  |  |  |  |
| **20** |  |  |  |  |  | **85** |  |  |  |  |  |
| **21** |  |  |  |  |  | **86** |  |  |  |  |  |
| **22** |  |  |  |  |  | **87** |  |  |  |  |  |
| **23** |  |  |  |  |  | **88** |  |  |  |  |  |
| **24** |  |  |  |  |  | **89** |  |  |  |  |  |
| **25** |  |  |  |  |  | **90** |  |  |  |  |  |
| **26** |  |  |  |  |  | **91** |  |  |  |  |  |
| **27** |  |  |  |  |  | **92** |  |  |  |  |  |
| **28** |  |  |  |  |  | **93** |  |  |  |  |  |
| **29** |  |  |  |  |  | **94** |  |  |  |  |  |
| **30** |  |  |  |  |  | **95** |  |  |  |  |  |
| **31** |  |  |  |  |  | **96** |  |  |  |  |  |
| **32** |  |  |  |  |  | **97** |  |  |  |  |  |
| **33** |  |  |  |  |  | **98** |  |  |  |  |  |
| **34** |  |  |  |  |  | **99** |  |  |  |  |  |
| **35** |  |  |  |  |  | **100** |  |  |  |  |  |
| **36** |  |  |  |  |  | **101** |  |  |  |  |  |
| **37** |  |  |  |  |  | **102** |  |  |  |  |  |
| **38** |  |  |  |  |  | **103** |  |  |  |  |  |
| **39** |  |  |  |  |  | **104** |  |  |  |  |  |
| **40** |  |  |  |  |  | **105** |  |  |  |  |  |
| **41** |  |  |  |  |  | **106** |  |  |  |  |  |
| **42** |  |  |  |  |  | **107** |  |  |  |  |  |
| **43** |  |  |  |  |  | **108** |  |  |  |  |  |
| **44** |  |  |  |  |  | **109** |  |  |  |  |  |
| **45** |  |  |  |  |  | **110** |  |  |  |  |  |
| **46** |  |  |  |  |  | **111** |  |  |  |  |  |
| **47** |  |  |  |  |  | **112** |  |  |  |  |  |
| **48** |  |  |  |  |  | **113** |  |  |  |  |  |
| **49** |  |  |  |  |  | **114** |  |  |  |  |  |
| **50** |  |  |  |  |  | **115** |  |  |  |  |  |
| **51** |  |  |  |  |  | **116** |  |  |  |  |  |
| **52** |  |  |  |  |  | **117** |  |  |  |  |  |
| **53** |  |  |  |  |  | **118** |  |  |  |  |  |
| **54** |  |  |  |  |  | **119** |  |  |  |  |  |
| **55** |  |  |  |  |  | **120** |  |  |  |  |  |
| **56** |  |  |  |  |  | **121** |  |  |  |  |  |
| **57** |  |  |  |  |  | **122** |  |  |  |  |  |
| **58** |  |  |  |  |  | **123** |  |  |  |  |  |
| **59** |  |  |  |  |  | **124** |  |  |  |  |  |
| **60** |  |  |  |  |  | **125** |  |  |  |  |  |
| **61** |  |  |  |  |  | **126** |  |  |  |  |  |
| **62** |  |  |  |  |  | **127** |  |  |  |  |  |
| **63** |  |  |  |  |  | **128** |  |  |  |  |  |
| **64** |  |  |  |  |  | **129** |  |  |  |  |  |
| **65** |  |  |  |  |  | **130** |  |  |  |  |  |

1. **INTRODUCTION**

Binak oilfield in Bushehr province is a part of the southern oilfields of Iran, is located 20 km northwest of Genaveh city.

With the aim of increasing production of oil from Binak oilfield, an EPC/EPD Project has been defined by NIOC/NISOC and awarded to Petro Iran Development Company (PEDCO). Also, PEDCO (as General Contractor) has assigned the EPC-packages of the Project to "Hirgan Energy - Design and Inspection" JV.

1. **GENERAL DEFINITION**

The following terms shall be used in this document.

|  |  |
| --- | --- |
| CLIENT: | National Iranian South Oilfields Company (NISOC) |
| PROJECT: | Binak Oilfield Development – Supply Of Fire Water Pumps |
| EPD/EPC CONTRACTOR (GC): | Petro Iran Development Company (PEDCO) |
| EPC CONTRACTOR/PURCHASER: | Joint Venture of: Hirgan Energy – Design & Inspection (D&I) Companies |
| VENDOR: | Kalaye Pump Company |
| EXECUTOR: | Executor is the party which carries out all or part of construction and/or commissioning for the project. |
| TPI: | Third Party Inspector. |
| SHALL: | Is used where a provision is mandatory. |
| SHOULD: | Is used where a provision is advisory only. |
| WILL: | Is normally used in connection with the action by CLIENT rather than by an EPC/EPD CONTRACTOR, supplier or VENDOR. |
| MAY: | Is used where a provision is completely discretionary. |

1. **Scope**

The purpose of creating and codifying this administrative procedure is to supervise the quality of packing operations.

1. **Reference**

* Project packing and shipping procedure, Doc No.: BK-GNRAL-PEDCO-000-QC-PR-0045-D00

1. **Description of Procedure**

During all packing and shipping levels, full attention shall be used to prevent occurring any damage to the product.

5.1. Before packing the electro pump, pump, and spare parts, their spruceness shall be observed.

5.2. Make sure that no odd thing is stuck to the electro pump such as a bolt, sliver, etc.

5.3. Make sure that if it is necessary or not to use a special packing in addition to the routine method.

• If the customer order a special packing considering the environment condition or packing storing duration, factory shall be informed via the commercial department.

5.4. Packing of KALAY-E-PUMP Co. would be made of wooden box and the following items will be included:

* Preliminary Shipping Information for Space Booking
* P.O Number
* Requisition No.
* Cargo Description
* Total Number of Packages
* Total Net Weight
* Total Gross Weight
* Total Measurement
* Port of Loading

5.5. Specification form shall be installed on the boxes (wooden).

5.6. All exporting products shall be included in the specification form in the English language.

5.7. All packing shall be included the Installation, commissioning, and maintenance procedure for the electro pump.

5.8. spare parts shall be packed in special packing considering their dimension and weight, in which including the parts list. Product specification label shall be installed on all spare parts.

5.9. It is notable that “the quality control supervisor” shall observe all packing levels from beginning to delivery to the customer.

1. **Inspection and Quality Assurance**

The procedure for inspection and quality assurance for packing include:

**Pre-shipment Inspection:** Visual and dimensional checks shall be conducted to confirm the product meets specifications. Inspect packaging for integrity and durability.

**Testing Documentation:** The vendor shall provide the results of functional and performance tests before packing to reassure the client about the product’s readiness.

**Photographic Evidence:** Document the condition of the packed goods to serve as proof in case of transit-related claims.

**Third-party Certification**: Engage external inspection agencies if specified by the client for independent verification.

1. **Accompanying Documentation**

**Operation Manuals:** Instruction manuals for installation, operation, and troubleshooting.

**Test Certificates:** Factory Acceptance Test (FAT) reports and Material Test Certificates (MTC) and other relevant certificates if applicable.

**Packing List:** Packing items including dimensions, weight, and part numbers.