



LIDCO, Pars SEE Zone, Assaluyeh,
Integrated Methanol and Ammonia
Plant 3000 MTPD MeOH / 900 MTPD NH3 PROJECT



Commissioning and Start-up Spares

Document No. 17735-13

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M. Vakili

| REV. | DATE | DESCRIPTION | DRAWN | CHECKED | APPROVED |
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| 9 | | | | | | 34 | | | | | | 59 | | | | | | 84 | | | | | |
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| 11 | | | | | | 36 | | | | | | 61 | | | | | | 86 | | | | | |
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| 14 | | | | | | 39 | | | | | | 64 | | | | | | 89 | | | | | |
| 15 | | | | | | 40 | | | | | | 65 | | | | | | 90 | | | | | |
| 16 | | | | | | 41 | | | | | | 66 | | | | | | 91 | | | | | |
| 17 | | | | | | 42 | | | | | | 67 | | | | | | 92 | | | | | |
| 18 | | | | | | 43 | | | | | | 68 | | | | | | ATTACHMENT | | | | | |
| 19 | | | | | | 44 | | | | | | 69 | | | | | | 1 | | | | | |
| 20 | | | | | | 45 | | | | | | 70 | | | | | | 2 | | | | | |
| 21 | | | | | | 46 | | | | | | 71 | | | | | | 3 | | | | | |
| 22 | | | | | | 47 | | | | | | 72 | | | | | | 4 | | | | | |
| 23 | | | | | | 48 | | | | | | 73 | | | | | | 5 | | | | | |
| 24 | | | | | | 49 | | | | | | 74 | | | | | | 6 | | | | | |
| 25 | | | | | | 50 | | | | | | 75 | | | | | | 7 | | | | | |



SPARE PARTS LIST AND INTERCHANGEABILITY RECORD

فهرست قطعات یدکی و اقلام مشابه

| EQUIPMENT CLASS رده تجهیز ات | | SPARE PARTS LIST AND INTERCHANGEABILITY RECORD FOR SPARE PARTS FOR 2 YEAR OPERATION | | | | | | | | | | فهرست قطعات یدکی و اقلام مشابه | | SPARE PARTS Commissioning and Start-up Spares | | | | | | | | | | |
|--|---|--|----------------------------------|----------------------------|---|---|----|--|---------|--|----|---|----|---|----|---|----|--|----|--|--|-------------------|--|-----------------|
| 1 | EQUIPMENT REQ No. or TAG. No. شماره ثبت دستگاهها با شماره برجسب | MANUFACTURERS MODEL مدل کارخانه سازنده | SERIAL NO. شماره سریال سازنده | NO OF UNIT شماره دستگاه | UNIT (Kg, No., Pair, set) تعداد کل قطعات مشابه نصب شده | NOTES: 1. All equipment having interchangeable items to be stated as same form. 2. Quote in column 10 part numbers showing interchangeability within equipment manufacturers organization 1- کلیه دستگاههاییکه دارای اقلام مشابه هستند باید در فرم یکسان درج گردد. 2- در ستون 10 شماره حقیقی قطعه ای ذکر گردد که با سایر دستگاههای ماشین آلات کارخانه سازنده تشابه داشته باشد. 3. Quote in column 20 original identification number for items of sub- vendors (bought-out items) such as ; mechanical seals, couplings, fuses, auxiliaries etc 3- در ستون 20 شماره های حقیقی سازنده فرعی (ثالث) مانند پاتاقان، آب بندهای مکانیکی، اتصالات، فیوزها و غیره درج گردد. 4. Quote in column 11 name and type of material, e.g. cast iron, stainless 304, rubber, etc. 4- در ستون 11 اسم و نوع جنس به کار رفته در کالا ذکر گردد مانند (مفرغ، چدن، فولاد درجه 304، لاستیک، بتون و غیره) | | | | | | | | | | SUBJECT : Commissioning and Start-up Spares | | VENDOR : Airpack Nederland BV | | ADDRESS : Groene Weegje 19-25 | | DATE : 15-09-2023 | | |
| | | | | | | Required on Site Date REMINDER : Attach to this form all parts lists and Drawings as listed in column 9 and 10 یادآوری: کلیه کتابچه های قطعات یدکی و نقشه های ذکر شده در ستون های 9 و 10 به این فرم پیوست گردد | | | | | | | | | | Approved for Purchase by | | Tاریخ خرید توسط : | | | | | | |
| MANUFACTURERS DATA | | | | | | OPERATIONAL SPARE PARTS | | Commissioning spares | | Quantity to be supplied | | MESC NO. | | Classification of parts | | Remarks (see note 3 above) | | Item No. | | | | | | |
| DESCRIPTION OF PARTS to include all parts recommended to be kept for normal operation and slow wearing parts | | | | | | DRAWING/ REF.NO. شماره نقشه/ مرجع سازنده | | Manufacturer's Real part No. (see note 2 above) شماره قطعه حقیقی سازنده (رجوع شود به بند 2 توضیحات) | | Material (see note 4 above) رجوع شود به بند 4 | | Recommended by manufacturer پیشنهاد سازنده | | Recommended by contractor پیشنهاد پیمانکار | | Unit Price in USD قیمت واحد به تقریب | | Total Price in USD قیمت کل به تقریب | | Remarks (see note 3 above) ملاحظات (رجوع شود به بند 3 توضیحات) | | Item No. | | |
| 4 | | | | 6a | 7 | 8 | | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 22 | | | | | |
| | | | | Set | 1 | Set of O-rings | NA | NA | Various | | | 1 | | | | | | | | | | | | |
| | | | | 1 | 1 | Oil | NA | 17735-C0100 | Liquid | | | 1 | | | | | | | | | | | | |
| | | | | Set | | Gasket set | NA | NA | Various | | | 1 | | | | | | | | | | | | |
| 5 | | | | | | NUMBER OF PARTS PER UNIT/ EQUIPMENT تعداد قطعات در هر دستگاه | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | PROJECT / PLANT : SOUTH PARS GAS FIELD DEVELOPMENT - PHASE 12 - ON SHORE FACILITIES CONSIGNEE : POGC / NIOC | | | | | | | | | | Rev. No. : 01 | | Date : 15-sep | | Sign : MC | | Sheet No. 1 of | | Requisition No. |
| 6 | | | | | | EQUIPMENT PURCHASE ORDER NO شماره سفارش خرید دستگاه | | | | | | | | | | Total amount this sheet : | | EX- Works Delivery time : | | WEEKS AFTER ORDER COMMITMENT | | | | |

to be corrected based on project tag No.

model No. to be mentioned here

a drawing which includes these parts shall be mentioned

Please mention in a note that this oil is adequate for one year operation (item 13 of scope of supply)

Since commissioning spares are based on manufacturer experience, please recheck for the gaskets, bolts/nuts of exchangers and pulsation dampers.

please mention characteristics of oil in this column

please consider separate row for each type and please mention the material of each part.