

|    |     |  |          |         |               |                       |  |  |  |  |  |
|----|-----|--|----------|---------|---------------|-----------------------|--|--|--|--|--|
| 0  | rev | RECIPROCATING COMPRESSOR DATA SHEET    |          |         |               |                       |  |  |  |  |  |
| 1  |     | CUSTOMER: daewoo turkmenistan ammonia  |          |         |               | LOCATION turkmenistan |  |  |  |  |  |
| 2  |     | SERVICE: Startup H2 Recycle Compressor |          |         |               |                       |  |  |  |  |  |
| 3  |     | MODEL: OA/1                            |          | Q.TY: 1 | ITEM: A-175-J |                       |  |  |  |  |  |
| 4  |     |  |          |         |               |                       |  |  |  |  |  |
| 5  |     | Gas Composition                        |          |         |               |                       |  |  |  |  |  |
| 6  |     |  |          |         |               |                       |  |  |  |  |  |
| 7  |     |  |          | Serv 1  | Serv 2        | Serv 3                |  |  |  |  |  |
| 8  |     | HYDROGEN - H2                          | 2.016    | 53.93   | 0.00          | 0.00                  |  |  |  |  |  |
| 9  |     | OXYGEN - O2                            | 32       | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 10 |     | NITROGEN - N2                          | 28.016   | 0.34    | 0.00          | 0.00                  |  |  |  |  |  |
| 11 |     | CARBON MONOXIDE - CO                   | 28.01    | 4.39    | 0.00          | 0.00                  |  |  |  |  |  |
| 12 |     | CARBON DIOXIDE - CO2                   | 44.01    | 11.54   | 0.00          | 0.00                  |  |  |  |  |  |
| 13 |     | WATER - H2O                            | 18.016   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 14 |     | AMMONIA - NH3                          | 17.032   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 15 |     | SULFUR DIOXIDE - SO2                   | 64.06    | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 16 |     | HYDROGEN SULFIDE - H2S                 | 34.076   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 17 |     | AIR                                    | 28.966   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 18 |     | METHANE - CH4                          | 16.042   | 29.80   | 0.00          | 0.00                  |  |  |  |  |  |
| 19 |     | ACETYLENE - C2H2                       | 26.036   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 20 |     | ETHYLENE - C2H4                        | 28.054   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 21 |     | ETHANE - C2H6                          | 30.068   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 22 |     | PROPYLENE - C3H6                       | 42.078   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 23 |     | PROPANE - C3H8                         | 44.094   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 24 |     | 1-BUTENE - 1-C4H8                      | 56.108   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 25 |     | ISOBUTYLENE - C4H8                     | 56.104   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 26 |     | I-BUTANE - C4H10                       | 58.12    | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 27 |     | N-BUTANE - C4H10                       | 58.12    | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 28 |     | I-PENTANE - C5H12                      | 72.146   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 29 |     | N-PENTANE - C5H12                      | 72.146   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 30 |     | CYCLOPENTANE - C-C5H10                 | 70.134   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 31 |     | NEOPENTANE - C5H12                     | 72.146   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 32 |     | BENZENE - C6H6                         | 78.108   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 33 |     | N-HEXANE - C6H14                       | 86.172   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 34 |     | CYCLOHEXANE - C-C6H12                  | 84.162   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 35 |     | N-HEPTANE - C7H16                      | 100.198  | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 36 |     | N-OCTANE - C8H18                       | 114.232  | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 37 |     | N-NONANE - C9H20                       | 128.259  | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 38 |     | N-DECANE - C10H22                      | 142.286  | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 39 |     | UNDECANE - C11H24                      | 156.313  | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 40 |     | DODECANE - C12H26                      | 170.34   | 0.00    | 0.00          | 0.00                  |  |  |  |  |  |
| 41 |     | TOTAL                                  | 100.002  | 0       | 0             |                       |  |  |  |  |  |
| 42 |     | MW                                     | 12.27167 | 0       | 0             |                       |  |  |  |  |  |
| 43 |     |  |          |         |               |                       |  |  |  |  |  |
| 44 |     |  |          |         |               |                       |  |  |  |  |  |
| 45 |     |  |          |         |               |                       |  |  |  |  |  |
| 46 |     |  |          |         |               |                       |  |  |  |  |  |
| 47 |     |  |          |         |               |                       |  |  |  |  |  |
| 48 |     |  |          |         |               |                       |  |  |  |  |  |
| 49 |     |  |          |         |               |                       |  |  |  |  |  |
| 50 |     |  |          |         |               |                       |  |  |  |  |  |
| 51 |     |  |          |         |               |                       |  |  |  |  |  |
| 52 |     |  |          |         |               |                       |  |  |  |  |  |
| 53 |     |  |          |         |               |                       |  |  |  |  |  |
| 54 |     |  |          |         |               |                       |  |  |  |  |  |
| 55 |     |  |          |         |               |                       |  |  |  |  |  |
| 56 |     |  |          |         |               |                       |  |  |  |  |  |
| 57 |     |  |          |         |               |                       |  |  |  |  |  |
| 58 |     |  |          |         |               |                       |  |  |  |  |  |
| 59 |     |  |          |         |               |                       |  |  |  |  |  |