



IRPC Public Company Limited (MRI) Division

## PRESSURE RELIEF VALVE TESTING FIELD INSPECTION CERTIFICATE

Plant : C411(COLD1)  
 Report No. : MIQA-IR-4914139  
 W/O No. : 4001 607037  
 Test Place : TNK  
 co;ltd.(FurnaceArea)  
 Requester : K. OPT/ K.MM4.  
 Summary Result :

|                |   |  |     |
|----------------|---|--|-----|
| Total Quantity | 3 |  | SET |
| Acceptable     | 3 |  | SET |
| Un-Acceptable  | 0 |  | SET |

### Acceptance Criteria for Differential Pressure

(per ASME Section Section-VIII)

| Pressure Range |            | Pressure Range |         |
|----------------|------------|----------------|---------|
| Psi            | Bar        | Psi            | Bar     |
| 0-70           | 0-4.82     | +/-2           | +/-0.13 |
| 71-300         | 4.83-20.68 | +/-3%          |         |

### Acceptance Criteria for Differential Pressure

(per ASME Section-I PG 72.2)

| Pressure Range |             | Accept Allowance |         |
|----------------|-------------|------------------|---------|
| Psi            | Bar         | Psi              | Bar     |
| 0-70           | 0-4.82      | +/-2             | +/-0.13 |
| 71-300         | 4.83-20.68  | +/-3%            |         |
| 301-1000       | 20.69-68.96 | +/-10            | +/-0.68 |
| >1001          | >68.97      | +/-1%            |         |

Issued By : \_\_\_\_\_

(\_\_\_\_\_)

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Reviewed By : \_\_\_\_\_

(\_\_\_\_\_)

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Approved By : \_\_\_\_\_

(\_\_\_\_\_)

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

10329000F-024

|                                            |                                                               |                    |                      |
|--------------------------------------------|---------------------------------------------------------------|--------------------|----------------------|
| IRPC Public Company Limited (MRI) Division | PRESSURE RELIEF VALVE TESTING<br>FIELD INSPECTION CERTIFICATE | Plant :C411(COLD1) | No.: MIQA-IR-4914139 |
|                                            |                                                               | Page : 1/1         | Date : 25/03/2014    |

| Item | Tag No. | Serial No. | For<br>Line/Equipment<br>No.   | Set<br>Pressure | Cold Diff<br>Pressure | Test Date  | Test<br>Meduim | Initial Test    |      | Final Test      |              | Result | Remark |
|------|---------|------------|--------------------------------|-----------------|-----------------------|------------|----------------|-----------------|------|-----------------|--------------|--------|--------|
|      |         |            |                                |                 |                       |            |                | Pop<br>Pressure | Leak | Pop<br>Pressure | Leak         |        |        |
| 1    | PSV4404 | TK71793*   | '14X6ER4101AK1(C)&E4406(ETP)c1 | 11 Bar(g)       |                       | 04/10/2006 | Nitro          |                 |      | 11.09 Bar(g)    | 0 Bubble/Min | pass   |        |
| 2    | PSV4601 | TK71802*   | '4PR4602AQ1(C)&D4601(ETP)c1    | 13 Bar(g)       |                       | 04/10/2006 | Nitro          |                 |      | 12.89 Bar(g)    | 0 Bubble/Min | pass   |        |
| 3    | PSV4606 | TK71891*   | '6PR4639BQ1/D4605(ETP)c1       | 19 Bar(g)       |                       | 04/10/2006 | Nitro          |                 |      | 19.3 Bar(g)     | 0 Bubble/Min | pass   |        |