



|                                         |               |                                           |
|-----------------------------------------|---------------|-------------------------------------------|
| PIPING SYSTEM PTE LTD                   | DRAWING NO.:  | PIPE-2½-14.02-CS-API 5L X42 PSL1-20260303 |
| Pipeline Material and Equipment Experts | DRAWING DATE: | 03-Mar-2026                               |

|              |          |             |                                                                                                           |      |      |
|--------------|----------|-------------|-----------------------------------------------------------------------------------------------------------|------|------|
| INQUIRY NO.: | OR999999 | Description | PIPE-2½INCHES-SCHXXS(14.02MM)-SEAMLESS-BEVELLED ENDS-CARBON STEEL-API 5L X42-PSL1-ASME B36.10-NACE MR0175 | QTY  | UNIT |
| ITEM NO.:    | 242      |             |                                                                                                           | 1000 | M    |

## PIPE&TUBE DRAWING AND DIMENSIONS DATA



Nominal Pipe Size



Outside Diameter



Inside Diameter



Wall Thickness

| STANDARD |          | API 5L X42 PSL1 |             | (in mm) |       | kg    |              | kg           |         | m³           |     |     |          |                   |
|----------|----------|-----------------|-------------|---------|-------|-------|--------------|--------------|---------|--------------|-----|-----|----------|-------------------|
| NAME     | MATERIAL | NPS             | OD INCH(ES) | OD      | ID    | WT    | METER WEIGHT | TOTAL WEIGHT | PROCESS | TOTAL VOLUME | HIC | IGC | MTC TYPE | REFERENCE HS CODE |
| PIPE     | CS       | 65              | 2½          | 73.00   | 44.96 | 14.02 | 20.39        | 20390.00     | SMLS    | 5.33         | HIC | N/A | MTC3.2   | 7304 1930.00      |

MATERIAL STANDARD: API 5L X42 PSL1 Chemical element composition content (%)

| COMPONENT | C    | Si   | Mn  | P     | S     | Cr  | Ni  | Cu  | Mo   | Ti   | V    | Nb   | B     |
|-----------|------|------|-----|-------|-------|-----|-----|-----|------|------|------|------|-------|
| Max       | -    | -    | -   | -     | -     | -   | -   | -   | -    | -    | -    | -    | -     |
| Min       | 0.18 | 0.45 | 1.4 | 0.025 | 0.015 | 0.3 | 0.3 | 0.5 | 0.15 | 0.04 | 0.05 | 0.05 | 0.001 |



|                                      |        |       |    |          |    |
|--------------------------------------|--------|-------|----|----------|----|
| PIPING SYSTEM PTE LTD                |        |       |    |          |    |
| Https://PIPING.cn                    |        |       |    |          |    |
| Tel:+86-17600050068                  |        |       |    |          |    |
| BASED IN SINGAPORE, PIPING THE WORLD |        |       |    |          |    |
| DRAWING                              | HuBiao | AUDIT | 王健 | APPROVAL | 李以 |