



|                                         |               |                                           |
|-----------------------------------------|---------------|-------------------------------------------|
| PIPING SYSTEM PTE LTD                   | DRAWING NO.:  | PIPE-20-50.01-CS-API 5L X56 PSL2-20260302 |
| Pipeline Material and Equipment Experts | DRAWING DATE: | 02-Mar-2026                               |

|              |          |             |                                                                                    |      |      |
|--------------|----------|-------------|------------------------------------------------------------------------------------|------|------|
| INQUIRY NO.: | OR999999 | Description | PIPE-20INCHES-SCH160(50.01MM)-SEAMLESS-BEVELLED ENDS-CARBON STEEL-API 5L X56-PSL2- | QTY  | UNIT |
| ITEM NO.:    | 242      |             | ASME B36.10-NACE MR0175                                                            | 1000 | M    |

## PIPE&TUBE DRAWING AND DIMENSIONS DATA



Nominal Pipe Size



Outside Diameter



Inside Diameter



Wall Thickness

| STANDARD |          | API 5L X56 PSL2 |             | (in mm) |        |       | kg           | kg           |         | m <sup>3</sup> |     |     |          |                   |
|----------|----------|-----------------|-------------|---------|--------|-------|--------------|--------------|---------|----------------|-----|-----|----------|-------------------|
| 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       | 500             | 20          | 508.00  | 407.98 | 50.01 | 564.85       | 564850.00    | SMLS    | 258.06         | N/A | N/A | MTC3.1   | 7304 1990.00      |

MATERIAL STANDARD: API 5L X56 PSL2 Chemical element composition content (%)

| COMPONENT | C    | Si   | Mn  | P     | S     | Cr  | Ni  | Cu  | Mo   | Ti   | V    | Nb   | B     | REMARK  |
|-----------|------|------|-----|-------|-------|-----|-----|-----|------|------|------|------|-------|---------|
| Max       | -    | -    | -   | -     | -     | -   | -   | -   | -    | -    | -    | -    | -     | Nb+V+Ti |
| Min       | 0.18 | 0.45 | 1.5 | 0.025 | 0.015 | 0.3 | 0.3 | 0.5 | 0.15 | 0.04 | 0.07 | 0.05 | 0.001 | ≤0.15   |



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