



"MANUFACTURER":  
TAGANROG METALLURGICAL PLANT PJSC  
347928, 1 ZAVODSKAYA STR.,  
TAGANROG, ROSTOV REGION, RUSSIA"

CONTRACT(Spec) # 2118 K/A (79)  
КОНТРАКТ(Спец.) №  
ORDER # 360126/0126-211879  
ЗАКАЗ-НАРЯД №  
CONSIGNEE:  
ГРУЗОПОЛУЧАТЕЛЬ:

Date of issue 13.08.2016  
Дата выпуска  
Facture # 960409  
Фактура №

Number of vehicle X256YB  
№ транспортного ср-ва  
Certificate # 71600812  
Сертификат №



| Pos.   n/n          | 10                                     | Steel or Strength group | Сталь или группа прочности | 2pc    | Size   Размер | 76.00 x 3.5 | Bundle #<br>№ пакета       | Quant.<br>Штуки | Length<br>м   м | Metraj<br>ft   фт | Theor.weight<br>t   т | lb   фн | Netto<br>t   т | Netto<br>lb   фн | Brutto<br>t   т | Brutto<br>lb   фн |
|---------------------|----------------------------------------|-------------------------|----------------------------|--------|---------------|-------------|----------------------------|-----------------|-----------------|-------------------|-----------------------|---------|----------------|------------------|-----------------|-------------------|
|                     | 4220505                                | 100                     | 780                        | 2559.2 | 5.031         | 11097.4     | 4.84                       | 10885.8         | 10972.4         | 2559.2            | 5.031                 | 11091.4 | 4.81           | 10804.2          | 4.87            | 10879.7           |
|                     | 7322052                                | 100                     | 780                        | 2559.2 | 5.031         | 11097.4     | 4.77                       | 10517.5         | 10576           | 2559.2            | 5.031                 | 11091.4 | 4.81           | 10804.2          | 4.87            | 10879.7           |
| Pos 10:<br>Поз. 10: | Quantity of pipes:<br>Количество труб: | 300                     | Length:<br>Метраж:         | 3      | 2340          | 7677.6      | Theor.weight:<br>Теор.вес: | 15.093          | 33274.2         | 31790.6           | BRUTTO:<br>БРУТТО:    | 14.441  | 31837          | 31837            |                 |                   |

| Pos.   n/n | 20                                     | Steel or Strength group | Сталь или группа прочности | 20    | Size   Размер | 159.00 x 4 | Bundle #<br>№ пакета       | Quant.<br>Штуки | Length<br>м   м | Metraj<br>ft   фт | Theor.weight<br>t   т | lb   фн | Netto<br>t   т | Netto<br>lb   фн | Brutto<br>t   т | Brutto<br>lb   фн |
|------------|----------------------------------------|-------------------------|----------------------------|-------|---------------|------------|----------------------------|-----------------|-----------------|-------------------|-----------------------|---------|----------------|------------------|-----------------|-------------------|
|            | 794090706                              | 28                      | 218.4                      | 776.6 | 3.44          | 7583.9     | 3.27                       | 7209.1          | 7224.5          | 776.6             | 3.277                 | 7224.5  |                |                  |                 |                   |
|            | Quantity of pipes:<br>Количество труб: | 328                     | Length:<br>Метраж:         | 4     | 2558.4        | 8394.2     | Theor.weight:<br>Теор.вес: | 18.533          | 40858.1         | 38999.7           | BRUTTO:<br>БРУТТО:    | 17.718  | 39061.5        | 39061.5          |                 |                   |

|                  |                                        |     |                    |   |        |        |                            |        |         |         |                    |        |         |         |  |  |
|------------------|----------------------------------------|-----|--------------------|---|--------|--------|----------------------------|--------|---------|---------|--------------------|--------|---------|---------|--|--|
| TOTAL:<br>ИТОГО: | Quantity of pipes:<br>Количество труб: | 328 | Length:<br>Метраж: | 4 | 2558.4 | 8394.2 | Theor.weight:<br>Теор.вес: | 18.533 | 40858.1 | 38999.7 | BRUTTO:<br>БРУТТО: | 17.718 | 39061.5 | 39061.5 |  |  |
|------------------|----------------------------------------|-----|--------------------|---|--------|--------|----------------------------|--------|---------|---------|--------------------|--------|---------|---------|--|--|

Проверить подлинность сертификата качества можно на официальном сайте по адресу: <http://cert.tagmet.ru>. Нужно ввести номер сертификата, а также проверочный код.

Возможна проверка при помощи мобильных устройств, расположенных QR код, расположенный рядом с проверочным кодом.  
You can verify the authenticity of quality certificate on the official website at: <http://cert.tagmet.ru>. Enter the number of the certificate and the verification code. Also it is possible to make a verification using mobile devices that recognize the QR code.



Проверочный код  
подлинности  
ПАО "Татмет":  
ubgmLIBNcDeAj



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347928, 1 ZAVODSKAYA STR.,

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CONTRACT # 2118 K/4 (79)

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Number of vehicle X256Y/B

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Дата выпуска

Certificate # 71600812

Сертификат №

ЗАКАЗ-НАРЯД №

Фактура №

Сертификат №

CONSIGNEE:

Общество с ограниченной ответственностью "Сантехкомплект"

Получатель:

Общество с ограниченной ответственностью "Сантехкомплект"

| Heat No<br>№ плавки                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                | Lot #<br>№ партии |                                                                                                                                                                                                                                                       | Mill control protocol #<br>№ протокола |                                           | Pipe #<br>Труба № |                                              | The type of test<br>Тип испытания |                      | Chemical composition, %<br>Химический состав, % |                      |  |                       |  |                                               | Tensile test<br>Испытания на растяжение |                                                                                                                                                     |  |                                                                                                           | Hydrostatic test<br>Гидростатические испытания |                                                                                      | Marking<br>Маркировка |                                                                 | Comments<br>Примечания |                                            |  |                                |  |                           |  |   |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------|-------------------|----------------------------------------------|-----------------------------------|----------------------|-------------------------------------------------|----------------------|--|-----------------------|--|-----------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------|------------------------|--------------------------------------------|--|--------------------------------|--|---------------------------|--|---|--|--|--|
| C                                                                                                                                                                                                                                                                                                                                                     |  | Mn                                                                                                                                                                                                                             |                   | Si                                                                                                                                                                                                                                                    |                                        | P                                         |                   | S                                            |                                   | Cr                   |                                                 | Ni                   |  | Cu                    |  | The type of test<br>Тип испытания             |                                         | YS, N/mm <sup>2</sup><br>Предел текучести, Н/мм <sup>2</sup>                                                                                        |  | UTS, N/mm <sup>2</sup><br>Предел прочности, Н/мм <sup>2</sup>                                             |                                                | Elongation, %<br>Удлинение, %                                                        |                       | Duration, sec<br>Продолжительность, с                           |                        | Pressure, MPa<br>Давление, МПа             |  | Flattening<br>Сплюсывание      |  |                           |  |   |  |  |  |
| x100                                                                                                                                                                                                                                                                                                                                                  |  | x1                                                                                                                                                                                                                             |                   | x100                                                                                                                                                                                                                                                  |                                        | x1000                                     |                   | x1000                                        |                                   | x100                 |                                                 | x100                 |  | x100                  |  | x2                                            |                                         |                                                                                                                                                     |  |                                                                                                           |                                                |                                                                                      |                       | min                                                             |                        | x3                                         |  |                                |  |                           |  |   |  |  |  |
| Product Name<br>Special requirements                                                                                                                                                                                                                                                                                                                  |  | Steel<br>Марка стали                                                                                                                                                                                                           |                   | Electric - welded pipes according with GOST 10704-91/GOST 10705-80                                                                                                                                                                                    |                                        |                                           |                   |                                              |                                   |                      |                                                 |                      |  |                       |  |                                               |                                         | The type of test<br>Тип испытания                                                                                                                   |  | YS, N/mm <sup>2</sup><br>Предел текучести, Н/мм <sup>2</sup>                                              |                                                | UTS, N/mm <sup>2</sup><br>Предел прочности, Н/мм <sup>2</sup>                        |                       | Elongation, %<br>Удлинение, %                                   |                        | Duration, sec<br>Продолжительность, с      |  | Pressure, MPa<br>Давление, МПа |  | Flattening<br>Сплюсывание |  |   |  |  |  |
| Special requirements                                                                                                                                                                                                                                                                                                                                  |  | 21С                                                                                                                                                                                                                            |                   | theoretical weight, galvanized                                                                                                                                                                                                                        |                                        |                                           |                   |                                              |                                   |                      |                                                 |                      |  |                       |  |                                               |                                         | Special requirements                                                                                                                                |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |
| 208860                                                                                                                                                                                                                                                                                                                                                |  | H                                                                                                                                                                                                                              |                   | 13                                                                                                                                                                                                                                                    |                                        | 0.41                                      |                   | 3                                            |                                   | 14                   |                                                 | 12                   |  | 3                     |  | 2                                             |                                         | 4                                                                                                                                                   |  | L                                                                                                         |                                                | 350.9                                                                                |                       | 484.7                                                           |                        | 37.1                                       |  | 5                              |  | 6                         |  | V |  |  |  |
| 208860                                                                                                                                                                                                                                                                                                                                                |  | H                                                                                                                                                                                                                              |                   | 10                                                                                                                                                                                                                                                    |                                        | 0.34                                      |                   | 2                                            |                                   | 14                   |                                                 | 22                   |  | 4                     |  | 3                                             |                                         | 7                                                                                                                                                   |  | L                                                                                                         |                                                | 324.5                                                                                |                       | 404.9                                                           |                        | 32.3                                       |  | 5                              |  | 6                         |  | V |  |  |  |
| 308864                                                                                                                                                                                                                                                                                                                                                |  | H                                                                                                                                                                                                                              |                   | 10                                                                                                                                                                                                                                                    |                                        | 0.34                                      |                   | 2                                            |                                   | 14                   |                                                 | 22                   |  | 4                     |  | 3                                             |                                         | 7                                                                                                                                                   |  | L                                                                                                         |                                                | 324.5                                                                                |                       | 404.9                                                           |                        | 32.3                                       |  | 5                              |  | 6                         |  | V |  |  |  |
| 308864                                                                                                                                                                                                                                                                                                                                                |  | H                                                                                                                                                                                                                              |                   | 10                                                                                                                                                                                                                                                    |                                        | 0.34                                      |                   | 2                                            |                                   | 14                   |                                                 | 22                   |  | 4                     |  | 3                                             |                                         | 7                                                                                                                                                   |  | L                                                                                                         |                                                | 317.5                                                                                |                       | 421.9                                                           |                        | 32.9                                       |  | 5                              |  | 6                         |  | V |  |  |  |
| Product Name<br>Special requirements                                                                                                                                                                                                                                                                                                                  |  | Steel<br>Марка стали                                                                                                                                                                                                           |                   | Hot-finished electric welded pipes according with GOST 10704-91/GOST 10705-80 <td colspan="2">Special requirements<td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"></td></td></td></td></td></td></td> |                                        |                                           |                   |                                              |                                   |                      |                                                 |                      |  |                       |  |                                               |                                         | Special requirements <td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"></td></td></td></td></td></td> |  | <td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"></td></td></td></td></td> |                                                | <td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"></td></td></td></td> |                       | <td colspan="2"><td colspan="2"><td colspan="2"></td></td></td> |                        | <td colspan="2"><td colspan="2"></td></td> |  | <td colspan="2"></td>          |  |                           |  |   |  |  |  |
| Special requirements                                                                                                                                                                                                                                                                                                                                  |  | 20 <td colspan="14">theoretical weight, galvanized<td colspan="2">Special requirements<td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"></td></td></td></td></td></td></td></td> |                   | theoretical weight, galvanized <td colspan="2">Special requirements<td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"></td></td></td></td></td></td></td>                                                |                                        |                                           |                   |                                              |                                   |                      |                                                 |                      |  |                       |  |                                               |                                         | Special requirements <td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"></td></td></td></td></td></td> |  | <td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"></td></td></td></td></td> |                                                | <td colspan="2"><td colspan="2"><td colspan="2"><td colspan="2"></td></td></td></td> |                       | <td colspan="2"><td colspan="2"><td colspan="2"></td></td></td> |                        | <td colspan="2"><td colspan="2"></td></td> |  | <td colspan="2"></td>          |  |                           |  |   |  |  |  |
| 209027                                                                                                                                                                                                                                                                                                                                                |  | H                                                                                                                                                                                                                              |                   | 20                                                                                                                                                                                                                                                    |                                        | 0.41                                      |                   | 22                                           |                                   | 14                   |                                                 | 8                    |  | 3                     |  | 2                                             |                                         | 3                                                                                                                                                   |  | L                                                                                                         |                                                | 294.2                                                                                |                       | 408.6                                                           |                        | 34.9                                       |  | 5                              |  | 3                         |  | V |  |  |  |
| 7940907                                                                                                                                                                                                                                                                                                                                               |  | H                                                                                                                                                                                                                              |                   | 20                                                                                                                                                                                                                                                    |                                        | 0.41                                      |                   | 22                                           |                                   | 14                   |                                                 | 8                    |  | 3                     |  | 2                                             |                                         | 3                                                                                                                                                   |  | L                                                                                                         |                                                | 294.2                                                                                |                       | 408.6                                                           |                        | 34.9                                       |  | 5                              |  | 3                         |  | V |  |  |  |
| Marking of tubes corresponds to requirements of the manufacturer.<br>The product specified in the certificate complies with the Russian Federation valid standards and is not supplied to other countries without the manufacturer agreement.<br>In the correspondence regarding quality issues the reference to the certificate number is mandatory. |  |                                                                                                                                                                                                                                |                   |                                                                                                                                                                                                                                                       |                                        |                                           |                   |                                              |                                   |                      |                                                 |                      |  |                       |  |                                               |                                         |                                                                                                                                                     |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |
| At present, JC "TAGMET" passes to the extract of electronic certificates<br>if you have any questions or problems with this please contact us by phone +7 8634 65-01-03 or e-mail: kasyakov@tagmet.ru                                                                                                                                                 |  |                                                                                                                                                                                                                                |                   |                                                                                                                                                                                                                                                       |                                        |                                           |                   |                                              |                                   |                      |                                                 |                      |  |                       |  |                                               |                                         |                                                                                                                                                     |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |
| Notes:                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                |                   |                                                                                                                                                                                                                                                       |                                        |                                           |                   |                                              |                                   |                      |                                                 |                      |  |                       |  |                                               |                                         |                                                                                                                                                     |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |
| V: Good (passed); X: Not passed; --: Not tested                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                |                   |                                                                                                                                                                                                                                                       |                                        |                                           |                   |                                              |                                   |                      |                                                 |                      |  |                       |  |                                               |                                         |                                                                                                                                                     |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |
| 1: H: Heat analysis, P: Product analysis, C: Control analysis, R: Recheck analysis                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                |                   |                                                                                                                                                                                                                                                       |                                        |                                           |                   |                                              |                                   |                      |                                                 |                      |  |                       |  |                                               |                                         |                                                                                                                                                     |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |
| 2: L: Lot test, H: Heat control test, A: Additional test, R: Recheck test                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                |                   |                                                                                                                                                                                                                                                       |                                        |                                           |                   |                                              |                                   |                      |                                                 |                      |  |                       |  |                                               |                                         |                                                                                                                                                     |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |
| 3: V: Passed, X: Not passed, --: Not tested                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                |                   |                                                                                                                                                                                                                                                       |                                        |                                           |                   |                                              |                                   |                      |                                                 |                      |  |                       |  |                                               |                                         |                                                                                                                                                     |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |
| Visual and dimensional inspection<br>Визуальный контроль                                                                                                                                                                                                                                                                                              |  | Drift test<br>Сдвиг                                                                                                                                                                                                            |                   | THREAD INSPECTION<br>Контроль резьбы                                                                                                                                                                                                                  |                                        | Thread protectors<br>Резьбовые протекторы |                   | Wall thickness verification<br>Толщинометрия |                                   | Packing<br>Упаковка  |                                                 | Coating<br>Покраска  |  | Marking<br>Маркировка |  | Radiation monitoring<br>Радиационный контроль |                                         | Comments<br>Примечания                                                                                                                              |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |
| Endorsement by third party inspection<br>Подтверждение независимой инспекцией (STAMP)                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                |                   | Zn (30 мкм)                                                                                                                                                                                                                                           |                                        | Zn (30 мкм)                               |                   | Zn (30 мкм)                                  |                                   | Zn (30 мкм)          |                                                 | Zn (30 мкм)          |  | Zn (30 мкм)           |  | Zn (30 мкм)                                   |                                         | Zn (30 мкм)                                                                                                                                         |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |
| QCD / PJSC "TAGMET"                                                                                                                                                                                                                                                                                                                                   |  | QCD / PJSC "TAGMET"                                                                                                                                                                                                            |                   | QCD / PJSC "TAGMET"                                                                                                                                                                                                                                   |                                        | QCD / PJSC "TAGMET"                       |                   | QCD / PJSC "TAGMET"                          |                                   | QCD / PJSC "TAGMET"  |                                                 | QCD / PJSC "TAGMET"  |  | QCD / PJSC "TAGMET"   |  | QCD / PJSC "TAGMET"                           |                                         | QCD / PJSC "TAGMET"                                                                                                                                 |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |
| OTK / PAO "TAGMET"                                                                                                                                                                                                                                                                                                                                    |  | OTK / PAO "TAGMET"                                                                                                                                                                                                             |                   | OTK / PAO "TAGMET"                                                                                                                                                                                                                                    |                                        | OTK / PAO "TAGMET"                        |                   | OTK / PAO "TAGMET"                           |                                   | OTK / PAO "TAGMET"   |                                                 | OTK / PAO "TAGMET"   |  | OTK / PAO "TAGMET"    |  | OTK / PAO "TAGMET"                            |                                         | OTK / PAO "TAGMET"                                                                                                                                  |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |
| Signature<br>Подпись                                                                                                                                                                                                                                                                                                                                  |  | Signature<br>Подпись                                                                                                                                                                                                           |                   | Signature<br>Подпись                                                                                                                                                                                                                                  |                                        | Signature<br>Подпись                      |                   | Signature<br>Подпись                         |                                   | Signature<br>Подпись |                                                 | Signature<br>Подпись |  | Signature<br>Подпись  |  | Signature<br>Подпись                          |                                         | Signature<br>Подпись                                                                                                                                |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |
| Suhoimlinova O.B.                                                                                                                                                                                                                                                                                                                                     |  | Suhoimlinova O.B.                                                                                                                                                                                                              |                   | Suhoimlinova O.B.                                                                                                                                                                                                                                     |                                        | Suhoimlinova O.B.                         |                   | Suhoimlinova O.B.                            |                                   | Suhoimlinova O.B.    |                                                 | Suhoimlinova O.B.    |  | Suhoimlinova O.B.     |  | Suhoimlinova O.B.                             |                                         | Suhoimlinova O.B.                                                                                                                                   |  |                                                                                                           |                                                |                                                                                      |                       |                                                                 |                        |                                            |  |                                |  |                           |  |   |  |  |  |

