

## **PERAKUAN PEMATUHAN STANDARD (BAHAN BINAAN)**

Adalah dengan ini Pengilang/Pengeluar yang dinyatakan di bawah ini telah mengeluarkan bahan binaan yang diperakui oleh Lembaga mengikut Bahagian VIIA Akta Lembaga Pembangunan Industri Pembinaan Malaysia (Pindaan 2011). Perakuan ini adalah tertakluk kepada syarat-syarat yang telah ditetapkan. Perakuan ini mengesahkan bahawa bahan atau produk binaan yang dinyatakan di bawah telah diperakukan

No. Pendaftaran : 1180423SL0264  
Nama Pengilang / Pengeluar : ALPINE PIPE MANUFACTURING SDN BHD  
Alamat Kilang Berdaftar : LOT 6085, JALAN HAJI ABDUL MANAN, BATU 5 1/2 , OFF  
JALAN MERU ,  
41050  
KLANG  
SELANGOR

**Kategori dan Jenis produk bahan binaan :**  
(Rujuk Lampiran A untuk butiran terperinci)

### **IRON AND STEEL PRODUCTS**

- Carbon Steel Tubes For General Structural Purposes
- Cold Formed Welded Structural Hollow Sections
- Hot Finished Structural Hollow Sections Of Non-Alloy Steels
- Non-Alloy Steel Tubes Suitable For Welding and Threading
- Steel Pipe Fittings For Water and Sewerage
- Steel Pipes For Water And Sewerage
- Steel Tube For Metal Scaffolding
- Steel Tubes

Tarikh Mula Berkuatkuasa : 09-03-2021  
Tarikh Tamat Tempoh Perakuan : 23-04-2022

Perakuan ini hendaklah diperbaharui selewat-lewatnya 30 hari sebelum tarikh tamat tempoh perakuan

Nota: Perakuan dikeluarkan setelah Lembaga menjalankan pemeriksaan dan pengesahan ke atas kilang dan produk-produk yang terkandung di dalam Pensijilan Produk (Product Certification) yang dikeluarkan oleh Badan Pensijilan yang diiktiraf. Pihak pengeluar/pengilang adalah bertanggungjawab untuk memastikan Pensijilan Produk (Product Certificate) sentiasa dalam tempoh sahlaku.

  
**SUHAIMI MANSOR**  
**PENGARAH**  
**CIDB NEGERI SELANGOR**  
b.p Ketua Eksekutif





No. Pendaftaran : 1180423SL0264  
 No. Perakuan : A005353  
 No. Pengilang / Pengeluar : ALPINE PIPE MANUFACTURING SDN BHD

| Kategori                | Jenis / Saiz                                                                                                                                                                         | Jenama      | Standard                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------|
| IRON AND STEEL PRODUCTS | Hot Finished Structural Hollow Sections Of Non-Alloy Steels CIRCULAR STRUCTURAL STEEL = S275 / DIAMETER (MM) X THICKNESS (MM) = 60.3X3.5 - 457.0X15.0                                | ALPINE PIPE | BS EN 10210               |
|                         | Hot Finished Structural Hollow Sections Of Non-Alloy Steels SQUARE STRUCTURAL STEEL = S275, S355 / SIZE (MM) X THICKNESS (MM) = 50.0X4.0 - 350.0X16.0                                | ALPINE PIPE | BS EN 10210               |
|                         | Hot Finished Structural Hollow Sections Of Non-Alloy Steels RECTANGULAR STRUCTURAL STEEL = S275, S355 / HEIGHT (MM) X WIDTH (MM) X THICKNESS (MM) = 50.0X75.0X3.5 - 300.0X400.0X16.0 | ALPINE PIPE | BS EN 10210               |
|                         | Steel Tubes OUTSIDE DIAMETER : 60.3MM - 457MM / NOMINAL PIPE THICKNESS : 2.9MM - 5.0MM / TYPE OF ENDS : BEVELLED ENDS. / STEEL GRADE - STEEL NAME : L275, STEEL NUMBER : 0260        | ALPINE PIPE | SPAN TS 21827:PART 2:2013 |
|                         | Carbon Steel Tubes For General Structural Purposes STK 400, OUTSIDE DIAMETER (OD), OD <= 65 MM                                                                                       | ALPINE PIPE | JIS G 3444:2015           |
|                         | Carbon Steel Tubes For General Structural Purposes STK 400, OUTSIDE DIAMETER (OD), 65 MM < OD <= 100 MM                                                                              | ALPINE PIPE | JIS G 3444:2015           |
|                         | Carbon Steel Tubes For General Structural Purposes STK 400, OUTSIDE DIAMETER (OD), 100 MM < OD <= 200 MM                                                                             | ALPINE PIPE | JIS G 3444:2015           |
|                         |                                                                                                                                                                                      |             |                           |



| Kategori | Jenis / Saiz                                                                                                                                                                          | Jenama      | Standard                  |
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|          | Carbon Steel Tubes For General Structural Purposes<br>STK 500, OUTSIDE DIAMETER (OD), OD ≤ 65 MM                                                                                      | ALPINE PIPE | JIS G 3444:2015           |
|          | Carbon Steel Tubes For General Structural Purposes<br>STK 500, OUTSIDE DIAMETER (OD), 100 MM < OD ≤ 200 MM                                                                            | ALPINE PIPE | JIS G 3444:2015           |
|          | Steel Tubes<br>Outside Diameter x Pipe Thickness : 323.9mm x 4.0mm                                                                                                                    | ALPINE PIPE | SPAN TS 21827:PART 2:2013 |
|          | Non-Alloy Steel Tubes Suitable For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter = 21.3mm, Wall Thickness = 2.0mm,<br>Type: L2, Steel Name: S 195T | ALPINE PIPE | MS 863: 2010              |
|          | Non-Alloy Steel Tubes Suitable For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter = 26.9mm, Wall Thickness = 2.3mm,<br>Type: L2, Steel Name: S 195T | ALPINE PIPE | MS 863: 2010              |
|          | Non-Alloy Steel Tubes Suitable For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter = 33.7mm, Wall Thickness = 2.6mm,<br>Type: L2, Steel Name: S 195T | ALPINE PIPE | MS 863: 2010              |
|          | Non-Alloy Steel Tubes Suitable For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter = 42.4mm, Wall Thickness = 2.6mm,<br>Type: L2, Steel Name: S 195T | ALPINE PIPE | MS 863: 2010              |
|          | Non-Alloy Steel Tubes Suitable For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter = 48.3mm, Wall Thickness = 2.9mm,<br>Type: L2, Steel Name: S 195T | ALPINE PIPE | MS 863: 2010              |



| Kategori | Jenis / Saiz                                                                                                                                                                                    | Jenama      | Standard     |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>60.3mm, Wall Thickness = 2.9mm,<br>Type: L2, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>76.1mm, Wall Thickness = 3.2mm,<br>Type: L2, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>88.9mm, Wall Thickness = 3.2mm,<br>Type: L2, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>114.3mm, Wall Thickness =<br>3.6mm, Type: L2, Steel Name: S<br>195T | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>21.3mm, Wall Thickness = 2.6mm,<br>Type: M, Steel Name: S 195T      | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>26.9mm, Wall Thickness = 2.6mm,<br>Type: M, Steel Name: S 195T      | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>33.7mm, Wall Thickness = 3.2mm,<br>Type: M, Steel Name: S 195T      | ALPINE PIPE | MS 863: 2010 |



| Kategori | Jenis / Saiz                                                                                                                                                                                   | Jenama      | Standard     |
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|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>42.4mm, Wall Thickness = 3.2mm,<br>Type: M, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>48.3mm, Wall Thickness = 3.2mm,<br>Type: M, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>60.3mm, Wall Thickness = 3.6mm,<br>Type: M, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>76.1mm, Wall Thickness = 3.6mm,<br>Type: M, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>88.9mm, Wall Thickness = 4.0mm,<br>Type: M, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>114.3mm, Wall Thickness =<br>4.5mm, Type: M, Steel Name: S<br>195T | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>139.7mm, Wall Thickness =<br>5.0mm, Type: M, Steel Name: S<br>195T | ALPINE PIPE | MS 863: 2010 |



| Kategori | Jenis / Saiz                                                                                                                                                                                   | Jenama      | Standard     |
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|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>165.1mm, Wall Thickness =<br>5.0mm, Type: M, Steel Name: S<br>195T | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>21.3mm, Wall Thickness = 3.2mm,<br>Type: H, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>26.9mm, Wall Thickness = 3.2mm,<br>Type: H, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>33.7mm, Wall Thickness = 4.0mm,<br>Type: H, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>42.4mm, Wall Thickness = 4.0mm,<br>Type: H, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>48.3mm, Wall Thickness = 4.0mm,<br>Type: H, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>60.3mm, Wall Thickness = 4.5mm,<br>Type: H, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010 |



| Kategori | Jenis / Saiz                                                                                                                                                                                   | Jenama      | Standard                     |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------|
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>76.1mm, Wall Thickness = 4.5mm,<br>Type: H, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010                 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>88.9mm, Wall Thickness = 5.0mm,<br>Type: H, Steel Name: S 195T     | ALPINE PIPE | MS 863: 2010                 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>114.3mm, Wall Thickness =<br>5.4mm, Type: H, Steel Name: S<br>195T | ALPINE PIPE | MS 863: 2010                 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>139.7mm, Wall Thickness =<br>5.4mm, Type: H, Steel Name: S<br>195T | ALPINE PIPE | MS 863: 2010                 |
|          | Non-Alloy Steel Tubes Suitable<br>For Welding and Threading<br>Welded Tube : Plain Ends,<br>Specified Outside Diameter =<br>165.1mm, Wall Thickness =<br>5.4mm, Type: H, Steel Name: S<br>195T | ALPINE PIPE | MS 863: 2010                 |
|          | Steel Pipes For Water And<br>Sewerage<br>Submerged Arc Welded (SAW),<br>Steel Name: L275, Outside<br>Diameter : 323.9mm , External<br>Coating : Bitumen, Internal Lining :<br>Concrete Lining  | ALPINE PIPE | SPAN TS 21827:PART<br>1:2013 |
|          | Steel Pipes For Water And<br>Sewerage<br>Submerged Arc Welded (SAW),<br>Steel Name: L275, Outside<br>Diameter : 406.4mm , External<br>Coating : Bitumen, Internal Lining :<br>Concrete Lining  | ALPINE PIPE | SPAN TS 21827:PART<br>1:2013 |



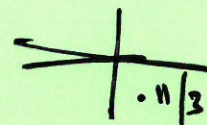
| Kategori | Jenis / Saiz                                                                                                                                                                             | Jenama      | Standard                  |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------|
|          | Steel Pipes For Water And Sewerage<br>Submerged Arc Welded (SAW),<br>Steel Name: L275, Outside<br>Diameter : 457mm , External<br>Coating : Bitumen, Internal Lining :<br>Concrete Lining | ALPINE PIPE | SPAN TS 21827:PART 1:2013 |
|          | Steel Pipes For Water And Sewerage<br>Submerged Arc Welded (SAW),<br>Steel Name: L275, Outside<br>Diameter: 355.6 mm, External<br>Coating: Bitumen, Internal Lining:<br>Concrete Lining  | ALPINE PIPE | SPAN TS 21827:PART 1:2013 |
|          | Steel Pipes For Water And Sewerage<br>Submerged Arc Welded (SAW),<br>Steel Name: L275, Outside<br>Diameter: 1626 mm, External<br>Coating: Bitumen, Internal Lining:<br>Concrete Lining   | ALPINE PIPE | SPAN TS 21827:PART 1:2013 |
|          | Steel Pipes For Water And Sewerage<br>SUBMERGED ARC WELDED (SAW), STEEL NAME: L275,<br>OUTSIDE DIAMETER: 610MM,<br>EXTERNAL COATING:<br>BITUMEN, INTERNAL LINING:<br>CONCRETE LINING     | ALPINE PIPE | SPAN TS 21827:PART 1:2013 |
|          | Steel Pipes For Water And Sewerage<br>Submerged Arc Welded (SAW),<br>Steel Name: L275, Outside<br>Diameter: 914mm, External<br>Coating: Bitumen, Internal Lining:<br>Concrete Lining     | ALPINE PIPE | SPAN TS 21827:PART 1:2013 |
|          | Steel Pipes For Water And Sewerage<br>Submerged Arc Welded (SAW),<br>Steel Name: L275, Outside<br>Diameter : 508mm , External<br>Coating : Bitumen, Internal Lining :<br>Concrete Lining | ALPINE PIPE | SPAN TS 21827:PART 1:2013 |



| Kategori | Jenis / Saiz                                                                                                                                                                                                                  | Jenama      | Standard                                    |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------|
|          | Steel Pipes For Water And Sewerage<br>Submerged Arc Welded (SAW),<br>Steel Name: L275, Outside<br>Diameter : 1016mm , External<br>Coating : Bitumen, Internal Lining :<br>Concrete Lining                                     | ALPINE PIPE | SPAN TS 21827:PART<br>1:2013                |
|          | Cold Formed Welded Structural<br>Hollow Sections<br>CIRCULAR HOLLOW<br>SECTION Outside Diameter (mm)<br>: 42.4 - 457.0, Thickness (mm) :<br>2.5 - 16.0, Steel Name : S275<br>J0H, S275 J2H, S355 J0H, S355<br>J2H             | ALPINE PIPE | MS EN<br>10219-1:2015,MS EN<br>10219-2:2015 |
|          | Cold Formed Welded Structural<br>Hollow Sections<br>RECTANGULAR HOLLOW<br>SECTION Side Dimension (mm) :<br>20 x 40 - 300 x 400, Thickness<br>(mm) : 2.0 - 16.0, Steel Name :<br>S275 J0H, S275 J2H, S355 J0H,<br>S355 J2H     | ALPINE PIPE | MS EN<br>10219-1:2015,MS EN<br>10219-2:2015 |
|          | Cold Formed Welded Structural<br>Hollow Sections<br>SQUARE HOLLOW SECTION<br>Side Dimension (mm) : 40 x 40 -<br>350 x 350, Thickness (mm) : 2.0 -<br>16.0, Steel Name : S275 J0H,<br>S275 J2H, S355 J0H, S355 J2H             | ALPINE PIPE | MS EN<br>10219-1:2015,MS EN<br>10219-2:2015 |
|          | Steel Tube For Metal Scaffolding<br>METAL SCAFFOLDING -<br>TUBULAR (TUBE AND<br>COUPLER) SCAFFOLD 1)<br>TYPE : TYPE 3 , SPECIFIED<br>OUTSIDE DIAMETER: 48.3MM<br>, SPECIFIED WALL<br>THICKNESS: 3.2MM , STEEL<br>NAME: S235GT | ALPINE PIPE | MS 1462-2-1:2010                            |

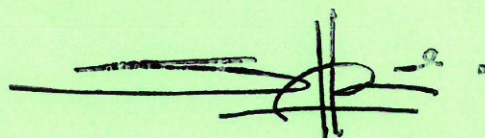


| Kategori | Jenis / Saiz                                                                                                                                                                                                                  | Jenama      | Standard                     |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------|
|          | Steel Tube For Metal Scaffolding<br>METAL SCAFFOLDING -<br>TUBULAR (TUBE AND<br>COUPLER) SCAFFOLD 1)<br>TYPE : TYPE 4 , SPECIFIED<br>OUTSIDE DIAMETER: 48.3MM<br>, SPECIFIED WALL<br>THICKNESS: 4.0MM , STEEL<br>NAME: S235GT | ALPINE PIPE | MS 1462-2-1:2010             |
|          | Steel Pipes For Water And<br>Sewerage<br>ELECTRIC WELDED (EW) ,<br>STEEL NAME: L275 , OUTSIDE<br>DIAMETER: 114.3 MM ,<br>EXTERNAL COATING:<br>BITUMEN , INTERNAL<br>LINING: CONCRETE                                          | ALPINE PIPE | SPAN TS 21827:PART<br>1:2013 |
|          | Steel Pipes For Water And<br>Sewerage<br>ELECTRIC WELDED (EW) ,<br>STEEL NAME: L275 , OUTSIDE<br>DIAMETER: 168.3MM ,<br>EXTERNAL COATING:<br>BITUMEN , INTERNAL<br>LINING: CONCRETE                                           | ALPINE PIPE | SPAN TS 21827:PART<br>1:2013 |
|          | Steel Pipes For Water And<br>Sewerage<br>ELECTRIC WELDED (EW) ,<br>STEEL NAME: L275 , OUTSIDE<br>DIAMETER: 219.1MM ,<br>EXTERNAL COATING:<br>BITUMEN , INTERNAL<br>LINING: CONCRETE                                           | ALPINE PIPE | SPAN TS 21827:PART<br>1:2013 |
|          | Steel Pipes For Water And<br>Sewerage<br>ELECTRIC WELDED (EW) ,<br>STEEL NAME: L275 , OUTSIDE<br>DIAMETER: 273 MM ,<br>EXTERNAL COATING:<br>BITUMEN , INTERNAL<br>LINING: CONCRETE                                            | ALPINE PIPE | SPAN TS 21827:PART<br>1:2013 |





| Kategori | Jenis / Saiz                                                                                                                                                                                                    | Jenama      | Standard                  |
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|          | Steel Pipe Fittings For Water and Sewerage<br>Electric Welded (EW), Type of Fittings : Gusseted Bends, Outside Diameter : 219.1mm, Steel Name: L275, External Coating : Bitumen, Internal Lining : Concrete     | ALPINE PIPE | SPAN TS 21827:PART 2:2013 |
|          | Steel Pipe Fittings For Water and Sewerage<br>Submerged Arc Welded (SAW), Type of Fittings : Tees, Outside Diameter : 323.9mm, Steel Name: L275, External Coating : Bitumen, Internal Lining : Concrete         | ALPINE PIPE | SPAN TS 21827:PART 1:2013 |
|          | Steel Pipe Fittings For Water and Sewerage<br>Submerged Arc Welded (SAW), Type of Fitting : Tees, Outside Diameter : 610mm, Steel Name: L275, External Coating : Bitumen, Internal Lining : Concrete Lining     | ALPINE PIPE | SPAN TS 21827:PART 1:2013 |
|          | Steel Pipe Fittings For Water and Sewerage<br>Submerged Arc Welded (SAW), Type of Fittings : Gusseted Bends, Outside Diameter : 610mm, Steel Name: L275, External Coating : Bitumen, Internal Lining : Concrete | ALPINE PIPE | SPAN TS 21827:PART 1:2013 |



**SUHAIMI BIN MANSOR**  
Pengarah  
Lembaga Pembangunan Industri Pembinaan  
Malaysia Negeri Selangor  
(CIDB Negeri Selangor)