

## APPENDIX 2 – QUANTITY OF FIRST SCHEDULE DANGEROUS GOODS WHICH MAY REMAIN ON BOARD ANY VESSEL AT ANY (1) JURONG PORT CONTAINER BERTH, (2) PSA CONTAINER BERTH, (3) CONVENTIONAL BERTH, (4) TUAS JETTY OR (5) SUDONG EXPLOSIVE ANCHORAGE

### 1 Jurong Port Container Berths

| Berth | IMO Classes<br>1.1,<br>1.2,1.3<br>(except<br>1.3G and<br>1.3H), 1.5<br>and 1.6 | IMO Classes<br>1.3G,<br>1.3H<br>and 1.4<br>(NEQ) | IMO Class<br>2.1 <sup>(1 and 7)</sup><br>compressed | IMO Class<br>2.1 <sup>(7)</sup><br>liquefied | IMO Class<br>2.3 | IMO Classes<br>3 and 8<br>FP<br><-26°C <sup>(2)</sup> | IMO Class<br>4.2 <sup>(3)</sup> | IMO Class<br>4.3 <sup>(4)</sup> | IMO Class<br>5.1 <sup>(5)</sup> | IMO Class<br>5.2 | IMO Class<br>6.1 <sup>(6)</sup> |
|-------|--------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|----------------------------------------------|------------------|-------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------|---------------------------------|
| J19   | Prohibited                                                                     | 0.2                                              | 5                                                   | 25                                           | Prohibited       | 25                                                    | 20                              | 30                              | 250                             | 50               | 20                              |
| J18   | Prohibited                                                                     | 20                                               | 15                                                  | 40                                           | 0.3              | 40                                                    | 30                              | 50                              | 750                             | 100              | 50                              |
| J17   | Prohibited                                                                     | 20                                               | 20                                                  | 75                                           | 0.3              | 75                                                    | 50                              | 75                              | 750                             | 175              | 50                              |
| J16   | Prohibited                                                                     | 20                                               | 25                                                  | 250                                          | 0.3              | 250                                                   | 150                             | 250                             | 750                             | 175              | 50                              |
| J15   | Prohibited                                                                     | 20                                               | 25                                                  | 3000                                         | 1.5              | 500                                                   | 300                             | 600                             | 750                             | 175              | 50                              |
| J14   | Prohibited                                                                     | 20                                               | 25                                                  | 500                                          | 1.5              | 500                                                   | 300                             | 600                             | 750                             | 175              | 50                              |
| J13   | Prohibited                                                                     | 20                                               | 25                                                  | 500                                          | 1.5              | 500                                                   | 300                             | 600                             | 750                             | 175              | 50                              |
| J24   | Prohibited                                                                     | 20                                               | 20                                                  | 75                                           | 0.3              | 75                                                    | 50                              | 75                              | 750                             | 175              | 50                              |
| J25   | Prohibited                                                                     | 20                                               | 15                                                  | 40                                           | 0.3              | 40                                                    | 30                              | 50                              | 750                             | 175              | 50                              |

All figures shown are in tonnes.

#### Notes:

- (1) This category includes UN Nos. 1035, 1049, 1954, 1957, 1962, 1964, 1971, 2034 and 2203.
- (2) The maximum aggregate weight permitted for UN Nos. 2478 and 2481 with a flash point below 23°C is 0.5 tonnes at any Jurong Port container berth.
- (3) UN No. 1380 is treated as an exception with a special limit of 250 kgs.
- (4) UN No. 1295 is prohibited at Jurong Port container berth J19.
- (5) (a) For ammonium nitrate/ammonium nitrate fertilisers under IMO Class 5.1, the maximum quantity allowed is 400 tonnes or quantity limit as indicated in the table, whichever is lower.  
(b) The maximum weight permitted for UN No. 1510 is 2 tonnes at any Jurong Port container berth.
- (6) The maximum weight permitted for UN No. 2480 is 250 kgs at any Jurong Port container berth.
- (7) Limits for IMO Class 2.1 at berth J19 are valid for small cylinders of compressed or liquefied gases only.

## 2 PSA Container Terminals

| Berth | IMO Class 1.1, 1.2 1.3 | IMO Class 1.3G, 1.3H, 1.4 (NEQ) | Methane    | IMO Class 2.1 <sup>(1)</sup> | IMO Class 2.3 <sup>(2)</sup> | IMO Class 3, FP< - 26°C <sup>(3)</sup> | IMO Class 4.2 | IMO Class 4.3 <sup>(4)</sup> | Ammonium Nitrate <sup>(5)</sup> | IMO Class 5.1 | IMO Class 5.2 | IMO Class 6.1 <sup>(6)</sup> |
|-------|------------------------|---------------------------------|------------|------------------------------|------------------------------|----------------------------------------|---------------|------------------------------|---------------------------------|---------------|---------------|------------------------------|
| B01   | Prohibited             | 20                              | 0.5        | 100                          | Prohibited                   | 100                                    | 120           | 90                           | 400                             | 88            | 100           | 0.5                          |
| B02   | Prohibited             | 20                              | 0.5        | 100                          | 0.5                          | 100                                    | 240           | 180                          | 400                             | 175           | 100           | 0.5                          |
| B03   | Prohibited             | 20                              | 0.5        | 100                          | 0.5                          | 100                                    | 240           | 270                          | 400                             | 175           | 100           | 0.5                          |
| B04   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| B05   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| B06   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| B07   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| B08   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| B09   | Prohibited             | 20                              | 6          | 100                          | 0.5                          | 100                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| T01   | Prohibited             | 20                              | 6          | 100                          | 0.5                          | 100                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| T02   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| T03   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| T04   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| T05   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| T06   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| T07   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| T08   | Prohibited             | 20                              | 6          | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| K09   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| K10   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| K11   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| K12   | Prohibited             | 20                              | 13         | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| K13   | Prohibited             | 20                              | 6          | 200                          | 0.5                          | 200                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| K14   | Prohibited             | 20                              | 0.5        | 100                          | 0.5                          | 100                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| K15   | Prohibited             | 20                              | 0.5        | 100                          | 0.5                          | 100                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| K16   | Prohibited             | 20                              | 0.5        | 100                          | 0.5                          | 100                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| K17   | Prohibited             | 20                              | 0.5        | 100                          | 0.5                          | 100                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| K18   | Prohibited             | 20                              | 6          | 100                          | 0.5                          | 100                                    | 240           | 360                          | 400                             | 350           | 100           | 0.5                          |
| K19   | Prohibited             | 20                              | 0.5        | 100                          | 0.5                          | 100                                    | 240           | 270                          | 400                             | 260           | 100           | 0.5                          |
| K20   | Prohibited             | 20                              | 0.5        | 100                          | Prohibited                   | 100                                    | 120           | 90                           | 400                             | 88            | 100           | 0.5                          |
| K21   | Prohibited             | 0.2                             | Prohibited | 100                          | Prohibited                   | 100                                    | 24            | 18                           | 400                             | 18            | 20            | 0.5                          |
| K22   | Prohibited             | 0.2                             | Prohibited | 100                          | Prohibited                   | 100                                    | 24            | 18                           | 400                             | 18            | 20            | 0.5                          |
| K23   | Prohibited             | 0.2                             | Prohibited | 100                          | Prohibited                   | 100                                    | 0.5           | 0.5                          | 0.5                             | 0.5           | 0.5           | 0.5                          |

All figures shown are in tonnes.

### Notes:

- (1) For PSA container berths B01, K20, K21, K22 and K23, flammable gases carried in isotanks are prohibited.
- (2) Only applicable to UN Nos. 1023, 1071 and 1911 and N.O.S. items without any additional information as to a recognised chemical name or the main hazardous constituents in this category.

- (3) (a) Applicable only to IMO Class 3, 6.1 or 8 where it is in liquid form with a flashpoint below -26°C.
- (b) Flammable liquids with subsidiary risk of IMO Class 6.1 carried in isotanks are prohibited at PSA container berths B01-04, B08, B09, T01, T02, T08 and K14-23.
- (c) Propylene Oxide carried in isotanks is prohibited at PSA container berths B01-09, T01-T08 and K09-K23.
- (d) The maximum weight permitted for UN No. 2478 with a flashpoint below 23°C is 0.5 tonne at any PSA container berth.
- (e) For PSA container berths B01, K20, K21, K22 and K23, substances carried in isotanks are prohibited.
- (4) UN No. 1295 is prohibited at PSA container berths B01-03, B09, T01 and K15-23.
- (5) Only applicable to ammonium nitrate/ammonium nitrate fertilisers under IMO Class 5.1.
- (6) Only applicable to UN Nos. 1510, 1259, 2480, 2481 and N.O.S. items without any additional information as to a recognised chemical name or the main hazardous constituents in this category.

| Berth          | IMO<br>Classes<br>1.1, 1.2,<br>1.3<br>(except<br>1.3C, 1.3G<br>and 1.3H),<br>1.5 and<br>1.6 | IMO<br>Classes<br>1.3C, 1.3H<br>and 1.4<br>(NEQ) <sup>(1)</sup> | Methane<br>( <sup>2</sup> ) | IMO<br>Class<br>2.1 | IMO<br>Class<br>2.3 <sup>(3)</sup> | IMO<br>Classes<br>3, 6.1 and<br>8 FP< -<br>26°C <sup>(4)</sup> | IMO<br>Class<br>4.2 | IMO<br>Class<br>4.3 | IMO<br>Class<br>5.1 <sup>(5)</sup> | IMO<br>Class<br>5.2 | IMO<br>Class<br>6.1 <sup>(6)</sup> |
|----------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------|---------------------|------------------------------------|----------------------------------------------------------------|---------------------|---------------------|------------------------------------|---------------------|------------------------------------|
| <b>P01-P41</b> | Prohibited                                                                                  | 300                                                             | 60                          | 1104                | 1.2                                | 1104                                                           | 696                 | 1344                | 1682                               | 240                 | 1.2                                |
| <b>G01-G02</b> | Prohibited                                                                                  | 300                                                             | 60                          | 1104                | 1.2                                | 1104                                                           | 696                 | 1344                | 1682                               | 240                 | 1.2                                |
| <b>U01-U66</b> | Prohibited                                                                                  | 300                                                             | 60                          | 1104                | 1.2                                | 1104                                                           | 696                 | 1344                | 1682                               | 240                 | 1.2                                |

All figures shown are in tonnes.

**Notes:**

- (1) For IMO Class 1.3C, 1.3G and 1.3H, the maximum aggregate weight permitted is 120 tonnes or the quantity limit as indicated in the table, whichever is lower.
- (2) This category is for UN No. 1971 only.
- (3) Only applicable to UN Nos. 1023, 1071 and 1911 and N.O.S. items without any additional information as to a recognised chemical name or the main hazardous constituents in this category.
- (4) (a) Applicable only to IMO Class 3 where it is in liquid form with a flashpoint below -26°C.
- (b) The maximum weight permitted for UN No. 2478 with a flashpoint below 23°C is 0.5 tonne at any PSA container berth.
- (5) Only applicable to ammonium nitrate/ammonium nitrate fertilisers under IMO Class 5.1. The weight permitted for IMO Class 5.1 and Ammonium Nitrate is combined for P01-P41, G01-G02 and U01-U66.
- (6) Only applicable to UN Nos. 1510, 1259, 2480, 2481 and N.O.S. items without any additional information as to a recognised chemical name or the main hazardous constituents in this category.

### 3 Conventional Berths

| <b>Category</b>                                                                                                                                                 | <b>Maximum weight permitted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IMO Class 1.1                                                                                                                                                   | Prohibited                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| IMO Class 1.2                                                                                                                                                   | Prohibited                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| IMO Class 1.3 (except IMO Classes 1.3G & 1.3H)                                                                                                                  | Prohibited                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| IMO Classes 1.3G, 1.3 H & 1.4                                                                                                                                   | For a conventional berth, the boundary of which when measured from any part thereof is more than 240 m away from the nearest point of the fence of the terminal: 20 tons.<br>For a conventional berth, the boundary of which when measured from any part thereof is less than 240 m away from the nearest point of the fence of the terminal: 0.2 ton.                                                                                                                                                                                                                              |
| IMO Class 1.5                                                                                                                                                   | Prohibited                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| IMO Class 1.6                                                                                                                                                   | Prohibited                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| IMO Class 2.1                                                                                                                                                   | For a conventional berth, the boundary of which when measured from any part thereof is more than 150 m but less than 500 m away from the nearest point of the fence of the terminal: 20 tons <sup>(1)</sup> .<br>For a conventional berth, the boundary of which when measured from any part thereof is less than 150 m away from the nearest point of the fence of the terminal: 0.25 ton.<br>For a conventional berth, the boundary of which when measured from any part thereof is more than 500 m from the nearest point of the fence of the terminal: 50 tons <sup>(1)</sup> . |
| Methane                                                                                                                                                         | 0.25 ton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| IMO Class 2.3 <sup>(2)</sup>                                                                                                                                    | 0.25 ton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| IMO Class 3 <sup>(3)</sup>                                                                                                                                      | 0.25 ton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| IMO Class 4.2                                                                                                                                                   | 0.25 ton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| IMO Class 4.3                                                                                                                                                   | 0.25 ton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| IMO Class 5.1<br>Ammonium Nitrate/Ammonium Nitrate Fertilizers <sup>(4)</sup> & UN Nos. 1485 and 1495<br>UN No. 1442<br>UN Nos. 1458, 1459, 1510 & N.O.S. items | When packed in sound steel drums or in bags within containers — 400 tons<br>Other than in sound steel drums or in bags within containers — 50 tons<br>10 tons<br>0.25 ton                                                                                                                                                                                                                                                                                                                                                                                                           |
| IMO Class 5.2                                                                                                                                                   | 0.25 ton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| IMO Class 6.1 <sup>(5)</sup>                                                                                                                                    | 0.25 ton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| IMO Class 7                                                                                                                                                     | Subject to approval by the Radiation Protection & Nuclear Science (RPNSD) Dept. <sup>(6)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| IMO Class 8 <sup>(7)</sup>                                                                                                                                      | 0.25 ton.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

All figures shown are in tonnes.

#### Notes:

- <sup>(1)</sup> The maximum aggregate weight permitted for UN No. 1035, 1049, 1954, 1957, 1962, 1964, 1971, 2034 and 2203 is 15 tons.
- <sup>(2)</sup> Only applicable to UN Nos. 1023, 1071 and 1911 and N.O.S. items without any additional information as to a recognised chemical name or the main hazardous constituents in this category.
- <sup>(3)</sup> Only applicable to flammable liquids having a flashpoint below -26°C and UN No. 2478 or 2481 with flashpoint below 23°C. A vessel carrying First Schedule dangerous goods of this description may only berth at a conventional berth the boundary of which when measured from any part of the berth is not less than 100 m away from the nearest point of the fence of the terminal.
- <sup>(4)</sup> A vessel carrying First Schedule dangerous goods of this description may only berth at a conventional berth the boundary of which when measured from any part of the berth is not less than 100 m away from the nearest point of the fence of the terminal.

- (5) Only applicable where in liquid form and with a flashpoint below -26°C, and UN Nos. 1259 and 2480.
- (6) Radiation Protection and Nuclear Science Division of the National Environment Agency.
- (7) Only applicable when in liquid form and with a flashpoint below -26°C.

## 4 Tuas Jetty

(a) At the head of the jetty

| <i>IMO Class 1 Hazard Division</i> | <i>Maximum weight permitted (NEQ)</i> |
|------------------------------------|---------------------------------------|
| 1.1                                | 60 tons                               |
| 1.2                                | 250 tons                              |
| 1.3                                | 250 tons                              |
| 1.4                                | Unrestricted                          |

(b) At the ramp of the jetty

| <i>IMO Class 1 Hazard Division</i> | <i>Maximum weight permitted (NEQ)</i> |
|------------------------------------|---------------------------------------|
| 1.1                                | Prohibited                            |
| 1.2                                | Prohibited                            |
| 1.3                                | 0.45 ton*                             |
| 1.4                                | Unrestricted                          |

Note: \*For non-propellant cargo only.

## 5 Sudong Explosive Anchorage

| <i>IMO Class 1 Hazard Division</i> | <i>Maximum weight permitted (NEQ)</i> |
|------------------------------------|---------------------------------------|
| 1.1 or 1.5                         | 500 tons                              |