

## Vehicle Inspection Checklist A

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### Inspection Checklist for bulk transportation Prime mover and trailer (bulk tank, ISO tank) Road tanker (single entity lorry)

\* Transport of petroleum and flammable materials in bulk means transport of petroleum and flammable materials in container more than 250 litres water capacity

<b>(A)</b>	<b>Documents Requirements</b>
1	Manufacturer's report (new application)
2	Vehicle Log Card (new application)
3	A copy of prime mover/trailer/tanker photos from front, side, and rear (including licence plate)
4	A copy of prime mover/trailer/tanker drawing endorsed by PE (new application)
5	Hydrostatic test or any equivalent test report (once every 5 years) endorsed by local PE
6	Radiographic test or any equivalent test report (once every 10 years) endorsed by local PE
7	Certificate of Fire Safety Inspection in accordance with Regulation 5 of the Fire Safety (Petroleum/Flammable Materials) Regulations
8	Hazardous Materials Transport Driver Permit
9	ASTRATA Certificate for Annual Inspection for vehicle transporting ≥3 metric tonnes or Tube Trailer.
<b>(B)</b>	<b>Technical Requirements</b>
1	Exhaust system in order
2	Fire shield at rear of cabin provided & in order
3	Battery cut off
4	Discharge faucets
5	Emergency cut off for tanker
6	Transport Emergency Information Panel (TEIP) according to Singapore Standard 586 shall be displayed at the back and both sides of the vehicle
7	Warning sign "Danger, Highly Flammable" according to Petroleum & Flammable Material Regulations shall be displayed at the back of the vehicle
8	Bumper (heavy duty steel) 15 cm from tank
9	Earthing strap touching the ground
10	Metal conduits for all wirings in good condition
11	Manhole covers in order
12	Coaming satisfactory and projected at least 25 mm above manhole covers
13	Pressure, level & temperature gauges provided
14	Safety & hydrostatic relief valves provided
15	Proper battery compartment
16	Vehicle is equipped with one 9 kg dry powder fire extinguisher and <ul style="list-style-type: none"> <li>i) 1 x 1 kg dry chemical fire extinguisher, or</li> <li>ii) 1 x 2.3 kg dry carbon dioxide fire extinguisher</li> </ul>

## **Vehicle Inspection Checklist B**

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### **Inspection Checklist for package transportation**

**Prime mover and trailer (trucking container containing petroleum or Flammable materials in package, examples drums, bottles, pallets etc)**

\* Transport of petroleum and flammable materials in package means transport of any petroleum or any flammable materials in one or more containers of less than 250 litres water capacity

<b>(A)</b>	<b>Documents Requirements</b>
1	Certificate of Fire Safety Inspection in accordance with Regulation 5 of the Fire Safety (Petroleum/Flammable Materials) Regulations
2	Vehicle Log Card (new application)
3	A copy of prime mover / trailer photos from front, side and rear (including licence plate)
4	Hazardous Materials Transport Driver Permit
5	ASTRATA Certificate for Annual Inspection for vehicle transporting $\geq 3$ metric tonnes
<b>(B)</b>	<b>Technical Requirements</b>
1	Exhaust pipe directed downwards and adequate shrouding (metal cover) to be provided
2	Fire shield at rear of cabin provided & in order
3	Battery cut off
4	Earthing strap touching the ground
5	Warning placard according to Singapore Standard 586 shall be displayed at the back and both sides of the vehicle
6	Warning sign "Danger, Highly Flammable" according to Petroleum & Flammable Material Regulations shall be displayed at the back of the vehicle
7	Earthing strap touching the ground
8	Metal conduits for all wirings in good condition
9	Proper battery compartment
10	Vehicle is equipped with one 9 kg dry powder fire extinguisher and <ul style="list-style-type: none"> <li>i) 1 x 1 kg dry chemical fire extinguisher, or</li> <li>ii) 1 x 2.3 kg dry carbon dioxide fire extinguisher</li> </ul>

**Vehicle Inspection Checklist C**

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**Inspection Checklist for package or bulk transportation  
Vehicles constructed to carry goods (e.g. lorries, pick-ups)**

\* Transport of petroleum and flammable materials in package means transport of any petroleum or any flammable materials in one or more containers of less than 250 litres water capacity

\* Vehicles used for transport of flammable gases must not have a roof covering.

<b>(A)</b>	<b>Documents Requirements</b>
1	Vehicle Log Card (new application)
2	Certificate of Fire Safety Inspection in accordance with Regulation 5 of the Fire Safety (Petroleum/Flammable Materials) Regulations
3	A copy of lorry / pick-up photos from front, side, and rear (including licence plate)
4	Hazardous Materials Transport Driver Permit
5	Supplier's authorization letter (for LPG dealers only)
6	ASTRATA Certificate for Annual Inspection for vehicle transporting $\geq 3$ metric tonnes
<b>(B)</b>	<b>Technical Requirements</b>
1	Platform of the vehicle is lined with timber or is timber constructed so as to minimize contact between the metal parts of the platform and any container
2	Protective railings lining the platform of the vehicle are at least 1 m in height in order to secure any container and to prevent such container from falling off the vehicle when the vehicle is in motion
3	Glass at the back of the driver cabin, if any is of wired glass or toughened or safety of not less than 6 mm in thickness to act as a fire resisting shield
4	Battery is covered with appropriate insulation material to prevent electrical spark from igniting any flammable vapor from any container
5	Exhaust pipe is extended at least 150 mm outwards away from the vehicle tail box or is directed downward to keep vehicle exhaust away from any container
6	Warning placard according to Singapore Standard 586 shall be displayed at the front, both sides and the back of the vehicle
7	Warning sign "Danger, Highly Flammable" according to Petroleum & Flammable Material Regulations shall be displayed at the back of the vehicle
8	Vehicle is equipped with one 9 kg dry powder fire extinguisher and <ul style="list-style-type: none"> <li>i) 1 x 1 kg dry chemical fire extinguisher, or</li> <li>ii) 1 x 2.3 kg dry carbon dioxide fire extinguisher</li> </ul>

## Vehicle Inspection Checklist D

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### Inspection Checklist for package transportation Enclosed Vehicles (e.g. Van or box up vehicle)

\* Transport of petroleum and flammable materials in package means transport of any petroleum or any flammable materials in one or more containers of less than 250 litres water capacity

<b>(A)</b>	<b>Documents Requirements</b>
1	Vehicle Log Card (new application)
2	Certificate of Fire Safety Inspection in accordance with Regulation 5 of the Fire Safety (Petroleum/Flammable Materials) Regulations
3	A copy of van / box up vehicle photos from front, side, and rear (including licence plate)
4	Hazardous Materials Transport Driver Permit
5	ASTRATA Certificate for Annual Inspection for vehicle transporting $\geq 3$ metric tonnes
<b>(B)</b>	<b>Technical Requirements</b>
1	Adequate ventilation shall be provided on top and bottom (louvres) and exhaust fan according to Petroleum & Flammable Material Regulations
2	Platform of the vehicle is lined with timber or is timber constructed so as to minimize contact between the metal parts of the platform and any container
3	Battery is covered with appropriate insulation material to prevent electrical spark from igniting any flammable vapor from any container
4	Exhaust pipe is extended at least 150 mm outwards away from the vehicle tail box or is directed downward to keep vehicle exhaust away from any container
5	Warning placard according to Singapore Standard 586 shall be displayed at the front, both sides and the back of the vehicle
6	Warning sign "Danger, Highly Flammable" according to Singapore Standard 586 shall be displayed at the back of the vehicle
7	Vehicle is equipped with one 9 kg dry powder fire extinguisher and <ul style="list-style-type: none"> <li>i) 1 x 1 kg dry chemical fire extinguisher, or</li> <li>ii) 1 x 2.3 kg dry carbon dioxide fire extinguisher</li> </ul>

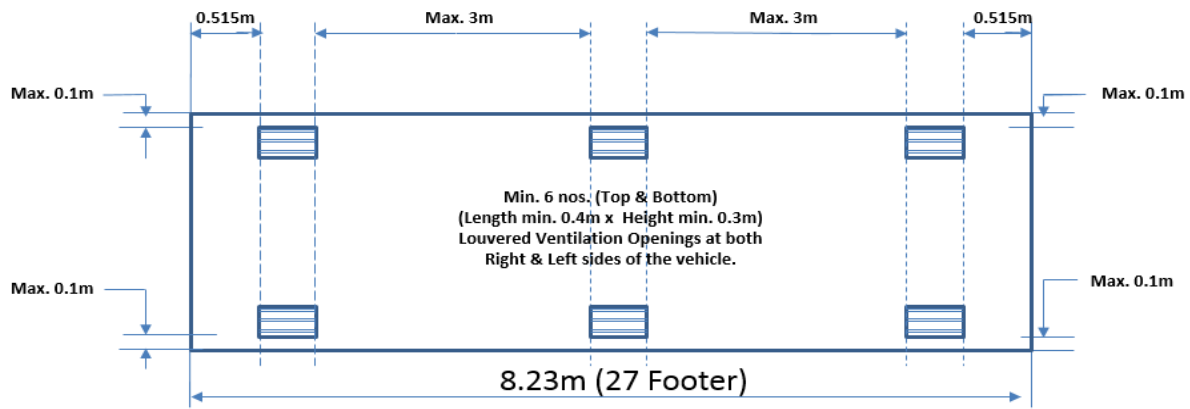
## Annex D

### Inspection Checklist for package transportation Vehicles (e.g. van or box up vehicle)

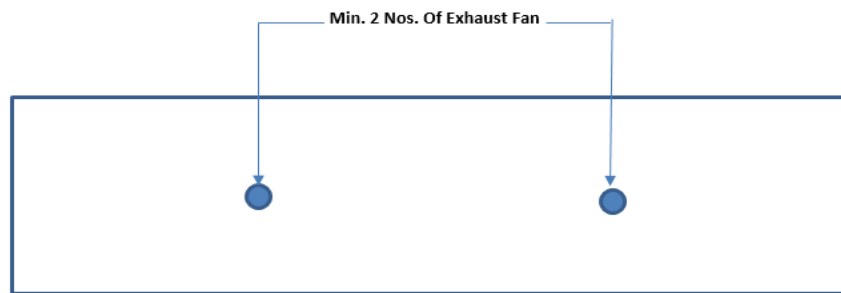
Apart from the opening on top behind the driver's cabin, please see our requirement:

- 1 Only Class 3 FM Liquid/Petroleum & Class 4 Solid are permitted to be transported in a box-up/enclosed vehicle with:
  - Adequate ventilation shall be provided as to prevent the accumulation of any flammable vapors in the vehicle.
  - Spacing between ventilation louvers (top and bottom) shall not exceed 3m horizontally.
  - Exhaust fan to circulate air inside the vehicle.
  - The glass at the back of the driver cabin is of wired glass or toughened or safety glass of not less than 6 millimeters in thickness to act as a fire shield.
- 2 Class O petroleum or any FM GAS Class 2 gas flammable material is not permitted to be transported in a box-up vehicle or vehicle with roof covering whether permanent or otherwise.

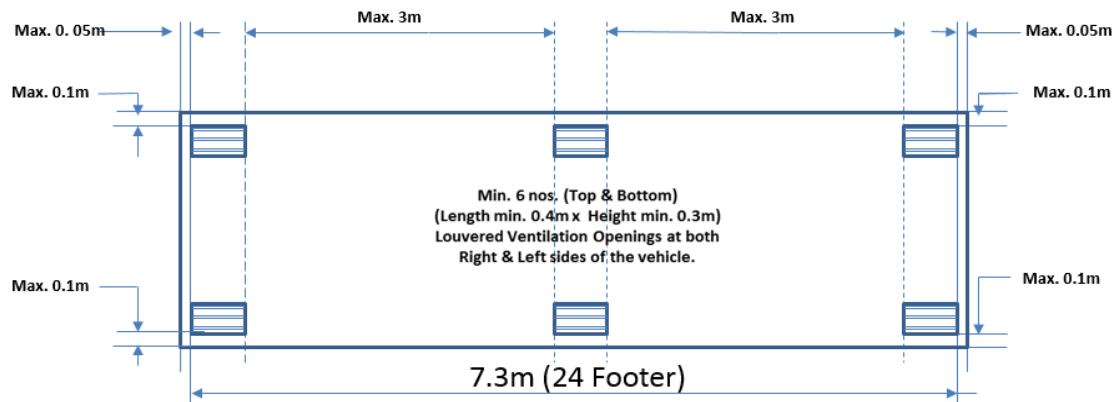




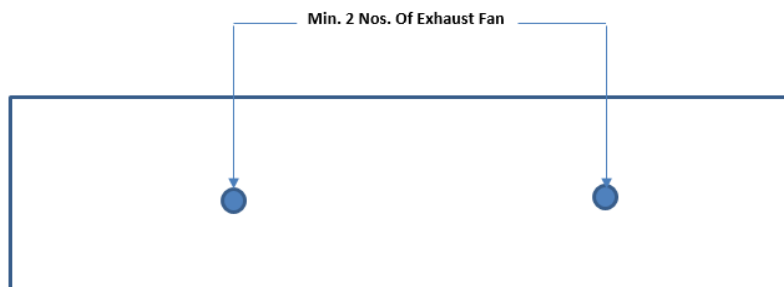
**SIDE VIEW**



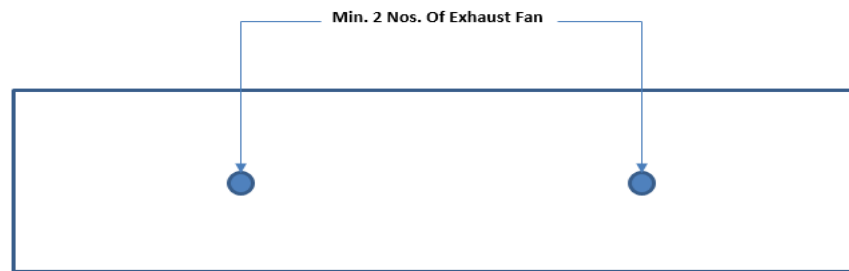
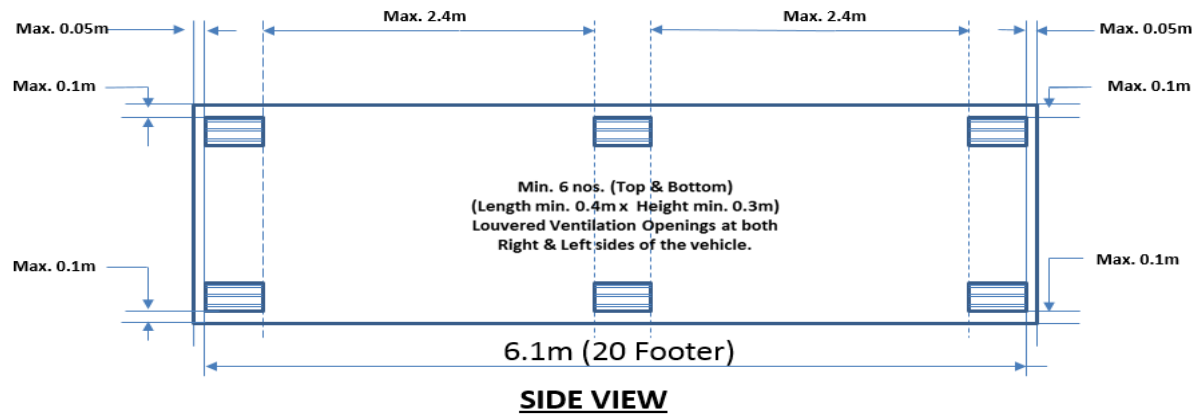
**TOP VIEW**



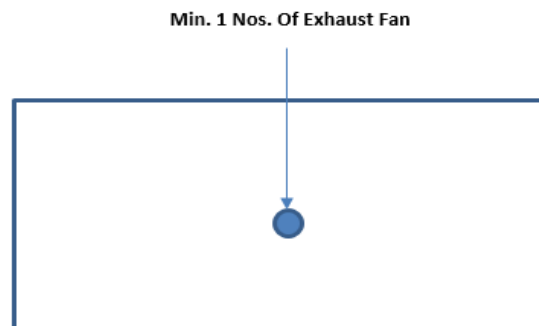
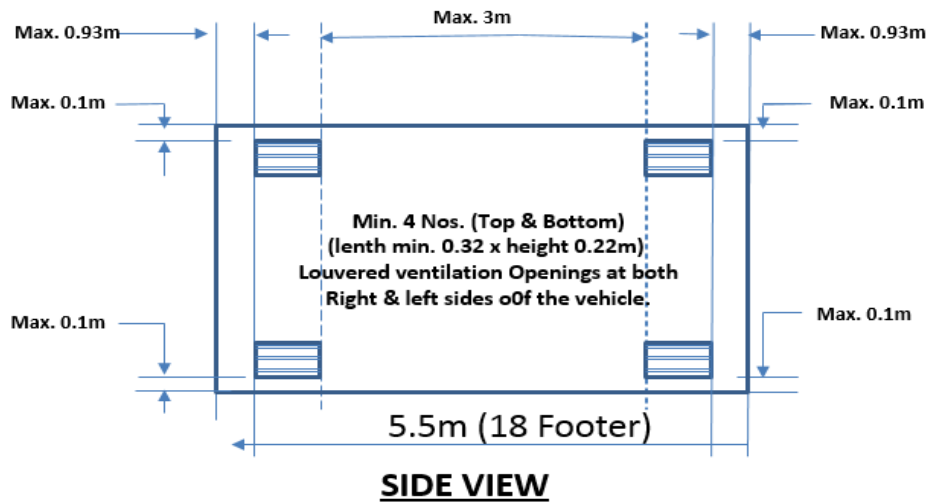
**SIDE VIEW**



**TOP VIEW**



**TOP VIEW**



**TOP VIEW**

**Vehicle Inspection Checklist E****Inspection Checklist for LNG transportation****Vehicles (e.g. Prime Mover, Trailer and Road Tanker)**

<b>(A)</b>	<b>Documents Requirements</b>
1	Vehicle Log Card (new application)
2	Manufacturer's data report (eg. ASME U-Stamp, EN code, etc... )
3	A copy of prime mover/trailer/tanker drawing endorsed by PE
4	A copy of prime mover/trailer/tanker technical calculations for stability endorsed by PE (New Tank)
5	Certificate of Fire Safety Inspection in accordance with Regulation 5 of the Fire Safety (Petroleum/Flammable Materials) Regulations
6	A copy of prime mover/trailer/tanker photos from front, side and rear (including licence plate)
7	Hazardous Materials Transport Driver Permit
8	Hydrostatic test or any equivalent test report endorse by local PE (New Tank)
9	Radiographic test or any equivalent test report endorse by local PE (New Tank)
10	Pneumatic or equivalent test report for tank and manifold piping system (working pressure) endorsed by PE (once every 5 years)
<b>(B)</b>	<b>Technical Requirements</b>
1	Prime Mover/ Road Tanker equipped with ABS system
2	Fire shield at rear of cabin provided and in order
3	Roll Over Prevention Stability System provided
4	Exhaust system in order (adequately shielded from direct contact with fuel from overfilled tanks and leaks)
5	Rear and side under-run protection (heavy duty steel) 15 cm from tank
6	Metal conduits for all electrical wirings in good condition
7	Anti-Tow Interlocks systems (to prevent driving away while connected to driving rack or during dispensing) in order
8	Battery cut off in order / Proper battery compartment
9	2 x 9 kg dry powder and 1 x 1 kg dry powder / 2.5 kg CO2 fire extinguishers
10	Transport Emergency Information panel (TEIP) complying with GHS (Warning notices) provided at 3 sides
11	Earth winch shall be provided for operating during load and unloading of LNG
12	Spark arrestor ( Flame Trap) provided
13	Earthing strap provided and touching the ground
14	Visual Inspection on Outer Vessel / Tank (eg. to inspect for any sign on sweating, cold spots or algae)
15	All vent pipe nozzles are piped upwards and are not piped downwards to the chassis (LNG Trailer/ ISO Tanker)
16	Discharge Faucets in order
17	Lighting in cabinets shall be Vapor Proof design or explosion proof design (Intrinsically safe)
18	Cabinet enclosure shall be designed with louvers
19	Wiring circuit shall be house in steel conduits
20	All valves and Safety pressure relief valves in working order
21	Pressure and Level gauges in working order
22	Vacuum reading in working order ( < 20 micron )
23	Emergency cut off device in working order
24	Pump, Vaporizer and piping yearly maintenance report (Renew)



# SCHEDULE CHEMICALS

# Annex F

S/N	Chemical	Schedule	Transport Licence Duration and Additional Conditions	Documents and Technical Requirements		
1	O-Alkyl ( $\leq C_{10}$ , including cycloalkyl) N, N- dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidocyanidates	S1A	<ul style="list-style-type: none"><li>• <b>12 months Licence only</b></li><li>• <b>Compulsory</b> ASTRATA report</li><li>• <b>Compulsory</b> to provide armed escorts</li><li>• <b>Compulsory</b> at any one time transport not more than 100 mg</li><li>• <b>Transport timing, 9 to 5pm only</b></li></ul>	Prime Mover/Trailer (BULK/ISO TANK)/ Road Tanker – To follow <b>Annex A</b>		
	E.g. Tabun: O-Ethyl N, N-dimethyl phosphoramidocyanidate			Prime mover and trailer (trucking container containing petroleum or Flammable materials in package, examples drums, bottles, pallets etc) – To follow <b>Annex B</b>		
2	Sulphur mustards	S1A			Vehicles constructed to carry goods (e.g. lorries, pick-ups) – To follow <b>Annex C</b>	
	(a) 2-Chloroethylchloromethylsulfide				Enclosed Vehicles (e.g. Van or box up vehicle) – To follow <b>Annex D</b>	
	(b) Mustard gas: Bis(2-chloroethyl)sulfide					
	(c) Bis(2-chloroethylthio)methane					
	(d) Sesquimustard: 1,2-Bis(2-chloroethylthio)ethane					
	(e) 1,3-Bis(2-chloroethylthio)-n-propane					
	(f) 1,4-Bis(2-chloroethylthio)-n-butane					
	(g) 1,5-Bis(2-chloroethylthio)-n-pentane					
	(h) Bis(2-chloroethylthiomethyl)ether					
(i) O-Mustard: Bis(2-chloroethylthioethyl)ether						
3	N, N-Dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidic dihalides (>30% purity)	S2B	<ul style="list-style-type: none"><li>• 12 or 24 months subject to 3000L, similar to the rest of PFM requirements</li></ul>	Prime Mover/Trailer (BULK/ISO TANK)/ Road Tanker – To follow <b>Annex A</b>		
4	N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-ols and corresponding protonated salts (>30% purity)	S2B		Prime mover and trailer (trucking container containing petroleum or Flammable materials in package, examples drums, bottles, pallets etc) – To follow <b>Annex B</b>		
5	Pinacolyl alcohol : 3,3-Dimethylbutan-2-ol	S2B			Vehicles constructed to carry goods (e.g. lorries, pick-ups) – To follow <b>Annex C</b>	
6	Trimethyl phosphite	S3B				Enclosed Vehicles (e.g. Van or box up vehicle) – To follow <b>Annex D</b>
7	Triethyl phosphite	S3B				
8	Dimethyl phosphite monochloride (>30% purity)	S3B				
9	Sulfur monochloride (>30% purity)	S3B				
10	Sulfur dichloride (>30% purity)	S3B				
11	Ethyldiethanolamine (>30% purity)	S3B				
12	Methyldiethanolamine (>30% purity)	S3B				

S/no	Inspection Bodies approved to carry inspection on vehicles base on above checklist / approved agent for installation of tracking device, horns and blinkers, orange vehicle number plate	Checklist A	Checklist B	Checklist C	Checklist D	Checklist E	Installation of Tracking Device etc
1	<b>Apave TIV Asia Pte. Ltd.</b>  450 Alexandra Road #04-01 UE Bizhub West, Singapore 119960 Tel: 63298921	yes	yes	-	-	yes	-
2	<b>Bureau Veritas</b>  1 Maritime Square #09-66 Lobby C Harbour Front Centre Singapore 099253 Tel: 62752886, Fax: 62752776	yes	yes	-	-	yes	-
3	<b>JIC Inspection Services Pte Ltd</b>  i) 53 Pioneer Road Singapore 628505 Tel: 68639639, Fax: 68631838	yes	yes	yes	yes	-	-
4	<b>STA Inspection Pte Ltd</b>  i) 302 Sin Ming Road Singapore 575627 Tel: 64521398, Fax: 64538244  ii) 249 Jalan Boon Lay Singapore 619523 Tel: 6261 6178, Fax: 64538244	-	-	yes	yes	-	-

S/no	Inspection Bodies approved to carry inspection on vehicles base on above checklist / approved agent for installation of tracking device, horns and blinkers, orange vehicle number plate	Checklist A	Checklist B	Checklist C	Checklist D	Checklist E	Installation of Tracking Device etc
5	<b>VICOM LTD</b>  i) 385 Sin Ming Drive Singapore 575718 Tel: 4584555, Fax: 64581040  ii) 511 Bukit Batok St 23 Singapore 659545 Tel: 656771111, Fax: 66654771  iii) 501 Yishun Industrial Pk A Singapore 768732 Tel: 67559028, Fax: 67559905  iv) 23 Kaki Bukit Ave 4 Singapore 415933 Tel: 67495422, Fax: 67440441  v) 20 Changi North Crescent Singapore 499613 Tel: 65454808, Fax: 65430973	-	yes	yes	yes	-	-
6	<b>Astrata (Asia Pacific) Pte Ltd</b>  Block 750E (Estuary Bldg) Chai Chee Road #05-02 Technopark @ Chai Chee Singapore 469005 Tel +65 63388133 Fax +65 63385373 <a href="http://www.astratagroup.com">www.astratagroup.com</a>	-	-	-	-	-	yes

## Explanatory notes

### Hazardous Materials Transport Driver Permit

Drivers need to attend course and obtain a Hazardous Materials Transport Driver Permit (HTDP). To register for the HTDP course, you can choose one of the following Institutions or accredited bodies.

#### SCDF ACCREDITED TRAINING INSTITUTIONS (ATIs) HAZARDOUS MATERIALS TRANSPORT DRIVER COURSE (HTDC)

S/N	NAME OF COMPANY
1	<b>ABSOLUTE KINETICS CONSULTANCY PTE LTD</b> 64, HILLVIEW TERRACE SINGAPORE 669277 MR SETHUPATHY SRIBALASUBRAMANIAM  TEL : +65 66905571 FAX : +65 67633885 EMAIL : <a href="mailto:SriBalu.S@SG-AKC.com">SriBalu.S@SG-AKC.com</a>
2	<b>AAT TRAINING HUB PTE LTD</b> 627A KLANG LANE, #01-97 SINGAPORE 211672 MS ROKIAH/ MS MARIAM  TEL: +65 62924804 EMAIL: <a href="mailto:rokiah@aattraininghub.com">rokiah@aattraininghub.com</a> ; <a href="mailto:admin@aattraininghub.com">admin@aattraininghub.com</a>
3	<b>BS TECHNOLOGY PTE LTD</b> 5, TUAS AVENUE 3, BS LOGISTICS HUB SINGAPORE 639405 MR SRIRAM / MR HANSEN NG  TEL : +65 64162691 / +65 64162694 FAX : +65 62659717 EMAIL : <a href="mailto:sriram@bokseng-ipl.com">sriram@bokseng-ipl.com</a> ; <a href="mailto:hansen.ng@bokseng-ipl.com">hansen.ng@bokseng-ipl.com</a>
4	<b>COSEM SAFETY AND SECURITY SERVICES PTE LTD</b> 37, GUL AVENUE SINGAPORE 629677 MS FARHANA / MS FARIDAH TEL : +65 68984171 (x 113) / +65 68984171 (x 112) FAX : +65 68982428 EMAIL : <a href="mailto:farhanah@cossem.org.sg">farhanah@cossem.org.sg</a> ; <a href="mailto:training@cossem.org.sg">training@cossem.org.sg</a> ; <a href="mailto:faridah@cossem.org.sg">faridah@cossem.org.sg</a>

S/N	NAME OF COMPANY
5	<p><b>HAZMAT TRAINING</b>  146A, CHANGI ROAD  SINGAPORE 419726  MS NG BEE HONG</p> <p>TEL: +65 65425539  FAX: +65 65425296  H/P: +65 96755796  EMAIL : <a href="mailto:beehong@haz-mat-training.com">beehong@haz-mat-training.com</a></p>
6	<p><b>NTUC LEARNING HUB</b>  e2i (DEVAN NAIR INSTITUTE FOR EMPLOYMENT AND EMPLOYABILITY)  80 JUROG EAST STREET 21, #02-03, SINGAPORE 609607</p> <p>MS SERENE ONG/MS JEFEI TAN/ MS NURUL HANISAH</p> <p>TEL : +65 6705 4097  EMAIL : <a href="mailto:Lhub-CorpReg@ntuclearninghub.com">Lhub-CorpReg@ntuclearninghub.com</a>;</p>
7	<p><b>PIONEER TRAINING CENTRE PTE LTD</b>  1, SOON LEE STREET  #03-49/50, PIONEER CENTRE  SINGAPORE 627605  MS WINNIE LAU</p> <p>TEL : +65 63163290  FAX : +65 63163265  H/P : +65 8338332  EMAIL : <a href="mailto:pioneertrainingcentre2010@gmail.com">pioneertrainingcentre2010@gmail.com</a>;  <a href="mailto:centremanager@pioneertrainingcentre.com">centremanager@pioneertrainingcentre.com</a>;  <a href="mailto:winnielau@pioneertrainingcentre.com">winnielau@pioneertrainingcentre.com</a></p>
8	<p><b>PSA INSTITUTE, PSA CORPORATION LIMITED</b>  PSA VISTA, #06-01, PSA HORIZONS  1 HARBOUR DRIVE  SINGAPORE 117352  MS JENNY ANG/ MS SERI</p> <p>TEL: +65 6279 4460  FAX: +65 67717316  EMAIL : <a href="mailto:JENNYANG@globalpsa.com">JENNYANG@globalpsa.com</a>; <a href="mailto:seri@globalpsa.com">seri@globalpsa.com</a></p>

S/N	NAME OF COMPANY
9	<p><b>TECS FIRE AND SAFETY SERVICES</b>  20, TOH GUAN ROAD  CJ LOGISTICS BUILDING #07-02  SINGAPORE 608839  MS RAHAINA</p> <p>TEL : +65 63621886  FAX : +65 63623973  H/P : +65 83839195  EMAIL : admin3@tecs-firensafety.com.sg; <a href="mailto:am@tecs-firensafety.com.sg">am@tecs-firensafety.com.sg</a>;  tm@tecs-firensafety.com.sg</p>
10	<p><b>UBTS ACADEMY PTE LTD</b>  821, BUKIT BATOK WEST AVENUE 5  SINGAPORE 659087  MR FERIK SETIAWAN/ MS LILY CHEW</p> <p>TEL : +65 64256787  FAX : +65 62508218  H/P : +65 97479922  EMAIL : <a href="mailto:training@ubts.com.sg">training@ubts.com.sg</a>;  <a href="mailto:trainingadmin@ubts.com.sg">trainingadmin@ubts.com.sg</a>; <a href="mailto:lilychew@ubts.com.sg">lilychew@ubts.com.sg</a></p>
11	<p><b>LIFESKILLS ACADEMY (BIZNESS &amp; MEDIA RESOURCES PTE LTD)</b>  18 BOON LAY WAY #09-144 TRADEHUB21  SINGAPORE 609966  MR JOSEPH HONG / MS SALLY HONG</p> <p>TEL : +65 68160492  H/P : +65 83337118 / +65 88112861  EMAIL : <a href="mailto:joehong@bizmediaresources.com.sg">joehong@bizmediaresources.com.sg</a>;  <a href="mailto:business@lifeskillsacademy.edu.sg">business@lifeskillsacademy.edu.sg</a></p>
12	<p><b>PT-ADECO-G3S PTE. LTD.</b>  1 TAMPINES NORTH DRIVE 1, #06-08 T-SPACE,  SINGAPORE 528559  MR ANUAR BIN ABDUL MAJID</p> <p>TEL : +65 67410585  H/P : +65 81262970  EMAIL : anuar@aderfolg.com</p>

As part of our continual effort to create a pro-enterprise environment, SCDF has reviewed the Emergency Response Plan (ERP) online submission process. To simplify the online application process, the TERP shall be submitted as part of the Flammable Material Transportation Licence application with effect from 1st August 2017.

Please submit the TERP document together with other supporting documents through [goBusiness](#). Following the implementation of this initiative, TERP applications (New and Renew) in the SCDF Eservices will be closed. TERP Update application will be retained in the SCDF website for you to update the P&FM products.

For clarification on TERP, applicant can call SCDF Transport Risk Branch, Hazmat Department (Attn: SSG Azali at 68481440) or e-mail to [Md\\_Azali\\_Hussin@scdf.gov.sg](mailto:Md_Azali_Hussin@scdf.gov.sg)

### **Tracking Device**

PI note that vehicle transporting 3 metric tonnes (net wt) or more of petroleum or flammable materials or hydrogen, silane & CNG in tubes (regardless of quantity) will need to install with a tracking devices, immobilizer, horns and blinkers and an orange colour vehicle number plate. PI note that the 3 metric tonnes refer to 3000 kg or 3000 litres, in the nature physical state of the regulated chemical (i.e. the litres for petroleum and liquid FM; the kg for LPG, gaseous FM and solid FM. The vehicle owner can liaise with the agent directly for the installation of the tracking devices.

Vehicles installed with tracking devices are to adhere strictly to approved routes and transportation hours. For details, please visit SCDF website (look for the updated circular on requirements for transportation of Petroleum and flammable materials).

Foreign vehicles transporting 3 metric tonnes (net wt) or more of petroleum or flammable materials or hydrogen, silane & CNG in tubes (regardless of quantity) will also need to comply with the above requirements, otherwise the vehicle will be turned back at the checkpoint with effect from end March 08.

**[For further details on transport of petroleum and flammable materials, please visit www.scdf.gov.sg](#)**