

Catch All Watch-list (Nuclear)

No.	Items	Uses
1.	Acetic acid	Hot cells used for fuel cycle related R&D activities
2.	Aluminium	Weaponization-material processing
3.	Aluminium nitrate	Solvent extraction process
4.	Aluminium hydroxide	Conversion of UF ₆ to U metal, UO ₂ ; conversion to UF ₆ ; hot cells used for fuel cycle related R&D activities
5.	Argon gas	Parts and material for a centrifuge
6.	Ascorbic acid	Hot cells used for fuel cycle related R&D activities
7.	Axial or radial motor stators	Parts and material for a centrifuge
8.	Barium chloride	Conversion to uranium metal
9.	Barium fluoride	Conversion to uranium metal
10.	Bis (2-ethylhexyl) phosphoric acid (HDEHP or D2HPA)	Solvent extraction process
11.	Cadmium	Solvent extraction process
12.	Calcium chloride	Conversion to uranium metal
13.	Calcium fluoride	Conversion to uranium metal; Weaponization-material processing
14.	Carbon tetrachloride	Conversion of UF ₆ to U metal, UO ₂ ; Hot cells used for fuel cycle related R&D activities
15.	Catalysts containing palladium or rhodium	Heavy water production or isotope exchange process
16.	Ceramic discs	Uranium dioxide fuel fabrication
17.	Cerium	Stabilize Pu
18.	Criticality safe containers	Criticality
19.	Cyclotrons	Enrichment
20.	Density meters or indicators	Solvent extraction process
21.	Detonators and multipoint initiation systems	Weaponization R&D and fabrication
22.	Deuterium	Reactor coolant, nuclear fusion
23.	Dissolution vessels with built-in heating coil	Conversion to UF ₆
24.	Dodecane, n-Dodecane	Hot cells used for fuel cycle related R&D activities; solvent extraction process
25.	Electron beam welding machines	Weaponization R&D and fabrication
26.	Explosive firing chambers	Explosive and hydrodynamic testing
27.	Facilities for the production of high explosives	Weaponization R&D and fabrication
28.	Flat ribbon (i.e. low inductance) detonator cables	Weaponization
29.	Fluorine	Conversion of UF ₆ to U metal, UO ₂ ; Weaponization-material processing
30.	Fume hoods	Weaponization of uranium/other components
31.	Gadolinium	Solvent extraction process
32.	Gadolinium oxide	Uranium dioxide fuel fabrication
33.	Gallium	Weaponization-material processing
34.	Glove boxes	Conversion of Pu(NO ₃) ₄ to Pu metal, PuO ₂ ; Conversion of UF ₆ to U metal, UO ₂ ; hot cells used for fuel cycle related R&D activities; solvent

		extraction process
35.	Heavy water	Reactors
36.	Helium-4	Leak detection
37.	HEPA filters	Conversion of $\text{Pu}(\text{NO}_3)_4$ to Pu metal, PuO_2 ; Conversion of UF_6 to U metal, UO_2
38.	High efficiency filter and ventilation system	Weaponization-material processing
39.	High explosives	Weaponization R&D and fabrication
40.	High speed computers	Weaponization R&D and fabrication
41.	High-density radiation shielding windows	Reprocessing
42.	Hot cells	Weaponization-material processing
43.	Hydrodynamic codes	Weaponization R&D and fabrication
44.	Hydroxylamine hydrochloride	Hot cells used for fuel cycle related R&D activities
45.	Industrial or experimental centrifuge separators made of corrosion resistance materials	Weaponization R&D and fabrication or enrichment
46.	Instruments and apparatus for physical or chemical analysis, and parts there of	Weaponization R&D and fabrication
47.	Ion exchange resins	Solvent extraction process
48.	Lead	Genetic hot cells
49.	Leak detector	Weaponization R&D and fabrication or enrichment
50.	Level meters or indicators	Solvent extraction process
51.	Lithium	Weaponization-material processing
52.	Lithium chloride	Hot cells used for fuel cycle related R&D activities
53.	Lithium fluoride	Conversion to uranium metal
54.	Lithium hydroxide	Hot cells used for fuel cycle related R&D activities
55.	Lithium nitrate	Hot cells used for fuel cycle related R&D activities
56.	Magnesium oxide	Conversion to uranium metal; Weaponization-material processing
57.	Mechanical rotating mirror cameras	Weaponization R&D and fabrication
58.	Methyl isobutyl keton	Solvent extraction process
59.	Multistage mixer settler	Conversion to UF_6
60.	Neutron transport codes	Weaponization
61.	Nitric acid	Conversion to UF_6 ; Hot cells used for fuel cycle related R&D activities; Solvent extraction process; Weaponization-material processing
62.	Nitrogen trioxide	Hot cells used for fuel cycle related R&D activities
63.	Nitrous acid	Solvent extraction process
64.	n-Paraffin, Paraffin	Hot cells used for fuel cycle related R&D activities; Solvent extraction process
65.	Oscilloscope and transient recorders	Weaponization-testing and preparation
66.	Oxalic acid	Solvent extraction process
67.	Personal dosimeter	General
68.	Pipes, piping, flanges, fittings made of corrosion resistance materials	Solvent extraction process and enrichment
69.	Potassium bromate	Hot cells used for fuel cycle related R&D activities
70.	Potassium nitrite	Hot cells used for fuel cycle related R&D activities
71.	Pulsed columns	Conversion to UF_6
72.	Radiation detector and monitoring equipment	Generic hot cells

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73.	Radiation hydrodynamic codes	Weaponization
74.	Radiation, criticality and explosion protection controls	Weaponization-material processing, Weaponization R&D and fabrication
75.	Remote manipulators	Hot cells used for fuel cycle related R&D activities
76.	Rotary kilns	Conversion of UF ₆ to U metal, UO ₂
77.	Scintillators/Scintillation detectors	Weaponization certification
78.	Sodium hydroxide	Conversion of Pu(NO ₃) ₄ to Pu metal, PuO ₂ ; Conversion of UF ₆ to U metal, UO ₂ ; Hot cells used for fuel cycle related R&D activities; Solvent extraction process
79.	Sodium nitrate	Hot cells used for fuel cycle related R&D activities
80.	Sodium nitrite	Solvent extraction process
81.	Sodium thiosulphate	Hot cells used for fuel cycle related R&D activities
82.	Stainless steel	Uranium metal fuel fabrication, Uranium dioxide fuel fabrication
83.	Switching devices	Weaponization R&D and fabrication
84.	Tantalum	Weaponization R&D and fabrication
85.	Temperature indicators	Solvent extraction process
86.	Tributyl Phosphate, Tri-butyl-Phosphate	Conversion to UF ₆ ; Hot cells used for fuel cycle related R&D activities, Solvent extraction process, Weaponization-material processing
87.	Vortex jet technology	Enrichment
88.	Welding units	Centrifuge and factory manufacturing equipment
89.	Zinc bromide	Hot cells used for fuel cycle related R&D activities

Catch All Watch-list (Missile)

No.	Items	Uses
1.	Aluminium-magnesium alloy(AlMg6)	Materials for oxygen tank and propellant tank
2.	Ammonium nitrate	Propulsion
3.	Balancing machines and related equipment	Instrument, navigation and direction finding systems test equipment
4.	Ball bearings	Propulsion
5.	Circular connector	Structural Material and Equipment
6.	Countermeasure subsystems and penetration aids	Missile countermeasure and penetration
7.	DC-DC converter	DC voltage converting and supply
8.	Dry fibre, filament materials, carbon fibres, silica fibres, silicon carbide fibres	Structural Material and Equipment
9.	Electron discharge machines (EDMs)	Missile and related components production Equipment
10.	Electron beam welding equipment	Missile and related components production Equipment
11.	Environmental test chambers capable of simulating flight conditions (temperature, pressure, shock and vibration)	Test equipment for simulating flight conditions
12.	Explosive bolts, explosive nuts and explosive shackles, flexible linear shaped charges, ball locks, compression springs, circular cutting devices, acceleration rockets	Structural Material and Equipment
13.	FPGA (Field-programmable gate array)	Storing/transmitting the video signal of CCD camera
14.	Friction stir welding machines	Missile and related components production Equipment
15.	Fuselage ring frame	Connect the engine/support
16.	High-speed imaging cameras	Launch Support Equipment
17.	Hydroforming machines	Missile and related components production Equipment
18.	Hydroxyl Terminated Poly-Ether (HTPE), Hydroxyl Terminated Caprolactone Ether (HTCE), Polypropylene glycol (PPG), Polydiethyleneglycol adipate (PGA) Polyethylene Glycol (PEG)	Propulsion
19.	Inertial equipment and their associated test equipment	Guidance and Navigation
20.	Iodine	Propulsion
21.	Load Cells	Measuring the load signal and transmitting to the electric signal
22.	Manganese metal brazing foils	Missile and related components production Equipment
23.	Modeling and design software related to the modeling of aerodynamic and thermodynamic analysis of rocket or unmanned aerial vehicle systems	Missile design and analysis software

24.	Multiformat SDTV Video Decoder	Video signal transmission device components
25.	Non-destructive test chambers	Propulsion
26.	Plasticizers usable in composite propellants such as Dioctyl adipate (DOA), Dioctyle sebacate (DOS), and Dioctyl azelate (DOZ)	Propulsion
27.	Polyacrylonitrile (PAN) fibre	Structural Material and Equipment
28.	Pressure sensor	Pressure sensing for oxygen tank, propellant tank and engines
29.	Pressure switch	Pressure sensing for oxygen tank
30.	Pressure transducers	Transmitting the pressure signal to the electric signal
31.	Rapid prototyping	Missile and related components production Equipment
32.	TDI (Toluene di-isocyanate), MDI (Methylene bis (Phenyl isocyanate)), IPDI (Isophorone diisocyanate), HMDI or HDI (Hexamethylene diisocyanate), DDI (dimethyl diisocyanate), their associated production equipment	Propulsion
33.	Temperature sensing transmitter	Temperature sensing and converting temperature signal into electric signal
34.	Theodolite systems	Launch Support Equipment
35.	Thermal treatment furnaces	Missile and related components production Equipment
36.	Truck chassis with 6 or more axles	Launch Support Equipment
37.	Turbo pump bearing	Maintain turbo pump for operating at high speed
38.	Ultra-high molecular weight polyethylene (UHMWPE) fibre	Structural Material and Equipment
39.	Vibration monitoring equipment	Missile vibration test equipment
40.	Xylidine	Propulsion
41.	57-pin connector	Structural Material and Equipment

**Ministry of Foreign Affairs
Strategic Export Control Division
Islamabad**

Subject: **Implementation of Strategic Export Control Act - 2004 and UNSCRs**

1. Promulgation of *Export Control on Goods, Technologies, Material and Equipment related to Nuclear and Biological Weapons and their Delivery Systems Act - 2004* and subsequent creation of Strategic Export Control Division (SECDIV) as implementing and licensing body for Control Lists (SRO 276(I)/2015 dated 28 March 2015) items are part of Pakistan's non proliferation efforts. Export Policy Order 2016 (SRO 344(I)/2016 dated 18 April 2016) clearly spells out license/NOC/permission jurisdiction of governmental bodies. It may be noted that violation of Strategic Export Control Act -2004 is a serious offence and carries severe penalties. Implementation of United Nations Security Council Resolutions (UNSCRs) as stipulated in SROs issued by MoFA also warrants special attention. A copy of the latest SRO concerning North Korea is attached for strict compliance.
2. To further strengthen implementation of the Act and coordinate effective enforcement, all relevant border (land, air, sea) controlling agencies are advised to exercise extra vigilance and take immediate measures to avert attempts of transfer of suspicious goods or movement of restricted/banned entities across the national boundaries.
3. All subsidiary/affiliated departments may also be advised accordingly please.

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21 JUL 2016
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Ministry of Foreign Affairs U.O. No. 7(6)/2009-SECDIV dated 19 July 2016.

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PART II

Statutory Notifications (S. R. O.)

GOVERNMENT OF PAKISTAN

MINISTRY OF FOREIGN AFFAIRS

NOTIFICATION

Islamabad, the 2nd May, 2016

S.R.O. 403(I)/2016.—WHEREAS the United Nations Security Council acting under Chapter VII of the United Nations Charter *vide* its resolution 2270 (2016)¹ has expanded the scope of its existing sanctions against the Democratic People's Republic of Korea ("DPRK"), in furtherance of its previous related resolutions, with respect to, arms and related materials, non-proliferation, proliferation networks, interdiction and transportation, provision of banking services, assets freeze, travel ban, financial measures, specialized teaching and training, coal and minerals ban, fuel ban, and luxury goods ban;

WHEREAS section 2 of the United Nations (Security Council) Act, 1948 (XIV of 1948) empowers the Federal Government to apply measures to give effect to the decisions of the United Nations Security Council;

¹The Resolution can be accessed here: <http://www.un.org/press/en/2016/sc12267.doc.htm>

(1407)

Price : Rs. 10.50

[2906(2016)/Ex. Gaz.]

AND WHEREAS the measures decided and directed to be taken under this S.R.O. shall be in addition to the measures already in force as set forth in S.R.O. No. 1063(I)/2006 dated 20 October 2006, S.R.O. No. 1289(I)/2006 dated 30 December 2006, S.R.O. No. 667(I)/2009 dated 18 July 2009, S.R.O. No. 690(I)/2009 dated 27 July 2009, S.R.O. No. 697(I)/2012 dated 06 June 2012 and S.R.O. No. 219(I)/2013 dated 19 March 2013.

NOW, THEREFORE, in exercise of the aforementioned powers and in pursuance of the obligations imposed in the S.R.O (s) aforementioned, the Federal Government has decided that all concerned shall note and take all necessary measures for implementation of the operative paragraphs No. 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38 and 39 of the United Nations Security Council resolution 2270 (2016). Without prejudice to the generality of the foregoing paragraphs of the United Nations Security Council resolution 2270 (2016), the Federal Government is pleased to decide as follows:

1. To prevent, in pursuance of paragraph 3 (c) S.R.O. No. 1063(I)/2006 and paragraph 8 (c) of the United Nations Security Council resolution 1718 (2006), any transfer, to the DPRK by nationals of Pakistan or from its territory, or from the DPRK by its nationals or from its territory into Pakistan, of technical training, advice, services or assistance related to the provision, manufacture, maintenance or use of nuclear-related, ballistic missile-related or other weapons of mass destruction-related items, materials, equipment, goods and technology.
2. The mandate of paragraph 3 (a) of S.R.O. No. 1063(I)/2006 and paragraph 8 (a) of the United Nations Security Council resolution 1718 (2006) shall also apply to all arms and related material, including small arms and light weapons and their related material, as well as to financial transactions, technical training, advice, services or assistance related to the provisions, manufacture, maintenance or use of such arms and related material.
3. The obligations imposed in paragraphs 3 (a), 3 (b) and 3 (c) of S.R.O. No. 1063(I)/2006 and paragraphs 8 (a), 8 (b) and 8 (c) of the United Nations Security Council resolution 1718 (2006), as extended by paragraphs 9 and 10 of the United Nations Security Council resolution 1874 (2009) and S.R.O. No. 667(I)/2009, shall apply with respect to the shipment of items to or from the DPRK for repair, servicing, refurbishing, testing, reverse-engineering, and marketing, regardless of whether ownership or control is transferred, and the measures specified in paragraph 3 (e) of S.R.O. No. 1063(I)/2006 and paragraph 8 (e) of United Nations Security Council resolution 1718 (2006) shall

also apply to any individual traveling for the purposes of carrying out the activities described in this paragraph.

4. The measures imposed in paragraphs 3 (a) and 3 (b) of S.R.O. No. 1063(I)/2006 and paragraphs 8 (a) and 8 (b) of the United Nations Security Council resolution 1718 (2006) shall also apply to any item if the Federal Government determines that such item could contribute to the DPRK's nuclear or ballistic missile programs or other weapons of mass destruction programs, activities prohibited by the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013), and 2270 (2016), or to the evasion of measures imposed by the United Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) and 2270 (2016).
5. The prohibited items list² as issued and maintained from time to time by the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) shall be followed by all concerned for the purposes of ban on export to and import from the DPRK of such items.
6. The mandate of paragraphs 3 (a) and 3 (b) of S.R.O. No. 1063(I)/2006 and paragraphs 8 (a) and 8 (b) of the United Nations Security Council resolution 1718 (2006) shall also apply to any item, except food or medicine, if it is determined by the Federal Government that such item could directly contribute to the development of the DPRK's operational capabilities of its armed forces. This provision shall cease to apply to the supply, sale or transfer of an item, or its procurement, if:
 - (a) The Federal Government determines that such activity is exclusively for humanitarian purposes or exclusively for livelihood purposes which will not be used by DPRK individuals or entities to generate revenue, and also not related to any activity prohibited by United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016) and S.R.O. No. 1063(I)/2006 dated 20 October 2006, S.R.O. No. 1289(I)/2006 dated 30 December 2006, S.R.O. No. 667(I)/2009 dated 18 July 2009, S.R.O. No. 690(I)/2009 dated 27 July 2009, S.R.O. No. 697(I)/2012 dated 06 June 2012, S.R.O. No. 219(I)/2013 dated 19 March 2013 or this S.R.O. Provided that the Federal Government shall inform the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) in advance regarding measures taken to prevent the diversion of the item for such other purposes; or

² The prohibited items lists are updated periodically by the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006). It can be accessed here: <https://www.un.org/sc/suborg/en/sanctions/1718/prohibited-items>

- (b) The Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) determines on a case-by-case basis that a particular supply, sale or transfer would not be contrary to the objectives of the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016).
7. In pursuance of paragraph 9 of the United Nations Security Council resolution 1874 (2009) and S.R.O. No. 667(I)/2009, it shall be prohibited to engage in the hosting of trainers, advisors, or other officials from the DPRK for the purposes of military, paramilitary or police-related training.
 8. The mandate of paragraph 3 (d) of S.R.O. No. 1063(I)/2006 and paragraph 8 (d) of the United Nations Security Council resolution 1718 (2006) shall also apply to the individuals and entities listed in Annex I and Annex II of the United Nations Security Council resolution 2270 (2016).
 9. The mandate of paragraph 3 (e) of S.R.O. 1063(I)/2006 and paragraph 8 (e) of the United Nations Security Council resolution 1718 (2006) shall also apply to the individuals listed in Annex I of the United Nations Security Council resolution 2270 (2016) and to individuals acting on their behalf or at their directions.
 10. The "economic resources" as referred to in paragraph 3 (d) of S.R.O. No. 1063(I)/2006 and paragraph 8 (d) of the United Nations Security Council resolution 1718 (2006), includes assets of every kind, whether tangible or intangible, movable or immovable, actual or potential, which potentially may be used to obtain funds, goods, or services, such as vessels (including maritime vessels).
 11. The consolidated sanctions list,³ after passing of the United Nations Security Council resolution 2270 (2016), issued by the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) shall be followed by all concerned for the purposes of asset freeze and travel ban of individuals and entities listed therein.
 12. If the Federal Government determines that a DPRK diplomat, governmental representative, or other DPRK national acting in a governmental capacity, is working on behalf or at the direction of a

³ The sanction list was last updated on March 02, 2016. It can be accessed here: <https://www.un.org/sc/suborg/sites/www.un.org.sc.suborg/files/1718.pdf>

designated individual or entity⁴; or of an individual or entities assisting in the evasion of sanctions or violating the provisions of United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016), then the said individual (s) or entity (ies) shall be expelled from Pakistan for the purpose of repatriation to the DPRK consistent with applicable national and international law. Provided that nothing in this paragraph shall impede the transit of representatives of the Government of the DPRK to the United Nations Headquarters or other United Nations facilities to conduct United Nations business, and the provisions of this paragraph shall not apply with respect to a particular individual if:

- (a) The presence of the individual is required for fulfillment of a judicial process; or
 - (b) The presence of the individual is required exclusively for medical, safety or other humanitarian purposes; or
 - (c) The Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) has determined on a case-by-case basis that the expulsion of the individual would be contrary to the objectives of the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) and 2270 (2016).
13. If the Federal Government determines that an individual who is not a national of Pakistan is working on behalf of or at the direction of a designated individual or entity or assisting the evasion of sanctions or violating the provisions of the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016), then the said individual shall be expelled from territories of Pakistan for the purpose of repatriation to that individual's state of nationality, consistent with applicable national and international law, unless the presence of that individual is required for fulfillment of a judicial process or exclusively for medical, safety or other humanitarian purposes, or the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) has determined on a case-by-case basis that the expulsion of that individual would be contrary to the objectives of United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016). Provided that nothing in this paragraph shall impede the transit of representatives of the Government of the DPRK to the United Nations

⁴ The term "designated individual or entity" in this S.R.O. means any individual or entity designated by the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) or under United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016).

Headquarters or other United Nations facilities to conduct United Nations business.

14. In pursuance of the obligations imposed in paragraph 3 (d) of S.R.O. No. 1063(I)/2006, paragraph 8 (d) of the United Nations Security Council resolution 1718 (2006), S.R.O. No. 219(I)/2013 and paragraphs 8 and 11 of the United Nations Security Council resolution 2094 (2013), the representative offices of designated entities shall be closed and it shall be prohibited for such entities, as well as individuals or entities acting for or on their behalf, directly or indirectly, from participating in joint ventures or any other business arrangements in Pakistan. If a representative of such an office is a DPRK national, then the said individual shall be expelled from the territories of Pakistan for the purpose of repatriation to the DPRK consistent with the applicable national and international law.
15. All concerned should be aware of the front companies, shell companies, joint ventures and complex opaque ownership structures, that may be used by the DPRK for the purpose of violating measures imposed in the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016) and S.R.O. No. 1063(I)/2006 dated 20 October 2006, S.R.O. No. 1289(I)/2006 dated 30 December 2006, S.R.O. No. 667(I)/2009 dated 18 July 2009, S.R.O. No. 690(I)/2009 dated 27 July 2009, S.R.O. No. 697(I)/2012 dated 06 June 2012, S.R.O. No. 219(I)/2013 dated 19 March 2013 or this S.R.O.
16. It shall be prohibited to provide specialized teaching or training to the DPRK nationals of disciplines which could contribute to the DPRK's proliferation sensitive nuclear activities or the development of nuclear weapon delivery systems, including teaching or training in advanced physics, advanced computer simulation and related computer sciences, geospatial navigation, nuclear engineering, aerospace engineering, aeronautical engineering and related disciplines.
17. All concerned shall inspect the cargo within or transiting through territory of Pakistan, including airports, seaports and free trade zones, that has originated in the DPRK, or that is destined for the DPRK, or has been brokered or facilitated by the DPRK or its nationals, or by individuals or entities acting on their behalf or at their direction, or entities owned or controlled by them, or by designated individuals or entities, or that is being transported on DPRK flagged aircraft or maritime vessels, for the purposes of ensuring that no items are transferred in violation of the United Nations Security Council

resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) and 2270 (2016). Such inspections shall be implemented in a manner that minimizes the impact on the transfer of cargo which the Federal Government determines is for humanitarian purposes only.

18. All concerned shall prohibit leasing or chartering flagged vessels or aircraft in Pakistan or provision of crew services from Pakistan to the DPRK. This prohibition shall also apply with respect to any designated individuals or entities, any other DPRK entities, any other individuals or entities whom the Federal Government determines to have assisted in the evasion of sanctions or in violating the provisions of the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016), any individuals or entities acting on behalf or at the direction of any of the aforementioned, and any entities owned or controlled by any of the aforementioned. Further, any vessel that is owned, operated or crewed by the DPRK shall be deregistered and any such vessel that is de-registered by another Member State of the United Nations shall not be registered in Pakistan. Provided that this provision shall not apply with respect to such leasing, chartering or provision of crew services notified to the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) in advance on a case-by-case basis accompanied by the following:
 - (a) information demonstrating that such activities are exclusively for livelihood purposes which will not be used by the DPRK individuals or entities to generate revenue; and
 - (b) information on measures taken to prevent such activities from contributing to violations of the aforementioned United Nations Security Council resolutions.
19. All concerned shall prohibit Pakistani nationals, individuals or entities, from registering vessels in the DPRK, obtaining authorization for a vessel to use the DPRK flag, and from owning, leasing, operating, providing any vessel classification, certification or associated service, or insuring any vessel flagged by the DPRK. Provided that this measure shall not apply to activities notified in advance by the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) on a case-by-case basis, following provision to the Committee by the Federal Government of detailed information on the activities, including the names of individuals and entities involved in them, information demonstrating that such activities are exclusively for livelihood purposes which will not be used by the DPRK individuals

or entities to generate revenue and on measures taken to prevent such activities from contributing to violations of the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016).

20. No permission shall be granted to any aircraft to take off from, land in or overfly Pakistan if any information exists that provides reasonable grounds to the Federal Government to believe that the aircraft contains items the supply, sale, transfer or export of which is prohibited by the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016), except in the case of an emergency landing.
21. A vessel shall not be allowed entry into ports of Pakistan if the Federal Government has information that provides reasonable grounds to believe that such vessel is owned or controlled, directly or indirectly, by a designated individual or entity, or contains cargo the supply, sale, transfer or export of which is prohibited by the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016), unless entry is required in the case of an emergency or in the case of return to its port of origination, or for inspection, or unless the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) determines in advance that such entry is required for humanitarian purposes or any other purposes consistent with the objectives of the United Nations Security Council resolution 2270 (2016).
22. The mandate of S.R.O. No. 667(I)/2009, paragraphs 14 to 16 of the United Nations Security Council resolution 1874 (2009) and paragraph 8 of the United Nations Security Council resolution 2087 (2013) shall also apply to any items the supply, sale or transfer of which is prohibited by the United Nations Security Council resolution 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016) identified in inspections pursuant to paragraph 17 of this S.R.O.
23. The procurement of coal, iron, and iron ore from the DPRK shall be prohibited. Provided that this provision shall not apply with respect to:
 - (a) Coal that the Federal Government confirms on the basis of credible information has originated outside the DPRK and was transported through the DPRK solely for export from the Port of Rajin (Rason). Provided that the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) has been notified in advance and such transactions are unrelated to generating revenue for the DPRK's nuclear or

ballistic missile programs or other activities prohibited by the United Nations Security Council resolution 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016); and

- (b) Transactions that are determined to be exclusively for livelihood purposes and unrelated to generating revenue for the DPRK's nuclear or ballistic missile programs or other activities prohibited by the United Nations Security Council resolution 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016).
24. The procurement of gold, titanium ore, vanadium ore, and rare earth minerals from the DPRK shall be prohibited.
25. To prevent the sale or supply of aviation fuel, including aviation gasoline, naphtha-type jet fuel, kerosene-type jet fuel, and kerosene-type rocket fuel, whether or not originating in the territory of Pakistan, to the territory of the DPRK, or unless the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) has approved in advance on an exceptional case-by-case basis the transfer to the DPRK of such products for verified essential humanitarian needs, subject to specified arrangements for effective monitoring of delivery and use. Provided that this provision shall not apply with respect to the sale or supply of aviation fuel to civilian passenger aircraft outside the DPRK exclusively for consumption during its flight to the DPRK and its return flight.
26. The mandate of paragraph 3 (d) of S.R.O. No. 1063(I)/2006 and paragraph 8 (d) of the United Nations Security Council resolution 1718 (2006) shall apply to all the funds, other financial assets and economic resources outside of the DPRK that are owned or controlled, directly or indirectly, by entities of the Government of the DPRK or the Worker's Party of Korea, or by individuals or entities acting on their behalf or at their direction, or by entities owned or controlled by them, that the Federal Government determines are associated with the DPRK's nuclear or ballistic missile programs or other activities prohibited by the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016). It shall be further ensured that any funds, financial assets or economic resources are prevented from being made available to or for the benefit of such individuals or entities, or individuals or entities acting on their behalf or at their direction, or entities owned or controlled by them. Provided that these measures shall not apply with respect to funds, other financial assets and economic resources that are required to carry out activities of the DPRK's missions to the United Nations and

its specialized agencies and related organizations or other diplomatic and consular missions of the DPRK, and to any funds, other financial assets and economic resources that the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) determines in advance on a case-by-case basis are required for the delivery of humanitarian assistance, denuclearization or any other purpose consistent with the objectives of the United Nations Security Council resolution 2270 (2016).

27. The opening and operation of new branches, subsidiaries, and representative offices of DPRK banks in Pakistan shall be prohibited. Further it shall also be prohibited for the financial institutions within Pakistan from establishing new joint ventures and from taking an ownership interest in or establishing or maintaining correspondent relationships with the DPRK banks, unless such transactions have been approved by the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) in advance. All necessary measures shall be taken to close such existing branches, subsidiaries and representative offices, and also to terminate such joint ventures, ownership interests and correspondent banking relationships with the DPRK banks within ninety days from the promulgation of this S.R.O.
28. It shall be prohibited for financial institutions within Pakistan from opening new representative offices or subsidiaries, branches or banking accounts in the DPRK.
29. All necessary measures shall be taken to close existing representative offices, subsidiaries or banking accounts in the DPRK within ninety days of promulgation of this S.R.O., if the Federal Government has credible information that provides reasonable grounds to believe that such financial services could contribute to the DPRK's nuclear or ballistic missile programs, or other activities prohibited by the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016). Provided that this provision shall not apply if the Committee constituted under paragraph 12 of the United Nations Security Council resolution 1718 (2006) determines on a case-by-case basis that such offices, subsidiaries or accounts are required for the delivery of humanitarian assistance or the activities of diplomatic missions in the DPRK pursuant to the Vienna Convention on Diplomatic Relations or the activities of the United Nations or its specialized agencies or related organizations, or for any other purposes consistent with the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016).

30. All sorts of public and private financial support from Pakistan for trade with the DPRK (including the granting of export credits, guarantees or insurance to its nationals or entities involved in such trade) shall be prohibited where the Federal Government determines that such financial support could contribute to the DPRK's nuclear or ballistic missile programs or other activities prohibited by the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016), including paragraph 8 of resolution 2270 (2016).
31. The measures set forth in S.R.O. No. 219(I)/2013 dated 19 March 2013 and paragraph II of the United Nations Security Council resolution 2094 (2013) shall apply to the transfers of gold, including through gold couriers, transiting to and from the DPRK so as to ensure such transfers of gold do not contribute to the DPRK's nuclear or ballistic missile programs, or other activities prohibited by the United Nations Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013) or 2270 (2016), or to the evasion of measures imposed by the aforementioned resolutions.
32. The Financial Action Task Force (FATF) Recommendation 7, its interpretive Note, and related guidance to effectively implement targeted financial sanctions related to proliferations shall be implemented.
33. It is clarified that the luxury goods, transfer of which is prohibited to the DPRK under paragraph 3 (a) (iv) of S.R.O. No. 1063(I)/2006 and paragraph 8 (a) (iii) of the United Nations Security Council resolution 1718 (2006), shall include, but not limited to, items specified in Annex V of the United Nations Security Council resolution 2270 (2016).
34. The Federal Government shall remain actively seized of the matter.

Sd/-

Ministry of Foreign Affairs.