

Summary of Amendments to Regulation (EU) 2021/821 for 2024

INTRODUCTION

This document summarises the amendments to Annex I of Regulation (EU) 2021/821 to implement the changes in the control lists of the various international fora on non-proliferation regimes.

OVERVIEW

The changes are a result of the reviews carried by the multilateral Export Control Regimes (Wassenaar Arrangement (WA), Missile Technology Control Regime (MTCR), Australia Group (AG) and Nuclear Suppliers Group (NSG)), where agreed, as of June 2023 to December 2023. There are also a number of editorial amendments.

Publically available Regime documents containing the changes are:

WA – List of Dual-Use Goods and Technologies and Munitions List (WA-LIST (23) 1) dated December 2023

NSG – Guidelines for Nuclear Transfers (INFCIRC/254/Part 1) and Guidelines for Transfers of Nuclear-Related Dual-use Equipment, Materials, Software and Related Technology (INFCIRC/254/Part 2) dated July 2023

MTCR – Equipment, Software and Technology Annex dated 3 November 2023 (MTCR/TEM/2023/Annex)

AG – Control List of Dual-Use Chemical Manufacturing Facilities and Equipment and Related Technology and Software dated 30 June 2023, Export Control List: Chemical Weapons Precursors dated 21 November 2023 and List of Human and Animal Pathogens and Toxins for Export Control dated 21 November 2023.

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SUMMARY OF CHANGES FOR EACH SECTION OF ANNEX I:

Bracketed terms mean the definition, Note or control entry has completely disappeared from Annex.

| General Notes | Regime | Comment |
|---------------|--------|------------------------------------|
| | | No amendments to the General Notes |

| Table of Abbreviations | Regime | Comment |
|------------------------|--------|------------------|
| AIP | WA | New Abbreviation |

| Definitions | | |
|------------------------------|------|--|
| “Charge multiplication” | WA | New Definition |
| "High output diesel engines" | WA | New Definition |
| “Insulation” | MTCR | Global Definition deleted and replaced by a Local Definition |
| "Vulnerability disclosure" | WA | Editorial change |

| Category 0 | | |
|------------|-----|--|
| 0B004.a.3 | NSG | New Entry for «Combined Electrolysis and Catalytic Exchange (CECE) plants» |
| 0B004.a.4 | NSG | New Entry for «Combined Industrial Reforming and Catalytic Exchange (CIRCE) plants» |
| 0B004.a.5 | NSG | New Entry for «Bithermal Hydrogen-Water exchange (BHW) plants» |
| 0B004.b.2 | NSG | Parameter changed from 56 m ³ /s to 5 m ³ /s |
| 0B004.b.3 | NSG | Parameter changed to «diameters of 1,5 m or greater» |
| 0B004.b.6 | NSG | Entry deleted and replaced by «not used» |
| 0B004.b.8 | NSG | «Units» changed into «finishing units» and introduction of a new parameter for columns «with a diameter of 0.1 m or greater» |
| 0B004.b.10 | NSG | New Entry for «Complete columns or towers specially designed or prepared for hydrogen isotope exchange» |

| Category 1 | | |
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| 1A003 Note | WA | Editorial change (Linking «production» to global definition) |

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|------------------------|-----|---|
| 1A007 Technical Note | WA | Technical Note split in two and moved within 1A007 |
| 1A202 | NSG | «Tubes » further specified as «thin-walled tubes». Parameter «inside diameter» changed from 400 mm to 650 mm. New parameter for «thickness» added. Editorial changes. |
| 1A225 | NSG | «Platinized catalysts» further specified as «Wet-proofed platinised catalysts». Editorial change: «heavy» deleted; «or upgrading» added. New Technical Note. |
| 1B001 | WA | «Equipment for the production or inspection» replaced by «Equipment designed for the "production"». «Production» linked to global definition. Cross-references to 1A002 and 1C010 deleted |
| 1B001.d | WA | «Adapted» replaced by «modified». «"Production"» linked to global definition. «Reinforcement fibres» replaced by «"fibrous or filamentary materials" specified by 1C010». |
| 1B001.e | WA | «Specially designed or modified» added. «For producing» replaced by «for the production of». Cross-reference to 1C010e deleted. |
| 1B001.e Technical Note | WA | New Technical Note for local definition of «hot melt method» |
| 1B228 | NSG | Temperature, pressure and composition parameters for «hydrogen-cryogenic distillation columns» updated |
| 1B228 Technical Note 2 | NSG | New Technical Note 2 regarding «equivalent materials» |
| 1C011.e | WA | New entry for «Iodine pentafluoride» |
| 1C350.90 | AG | New Entry for «Dipropylamine» |
| 1C351.d.24 | AG | New Entry for «Neosaxitoxin» |

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| Category 2 | | |
| 2B116.a Technical Note | MTCR | New Technical Note: Local definition of «vibration test systems incorporating a digital controller» |
| 2B116.b, .c, .d | MTCR | Editorial change |
| 2B351.a | AG | «At concentrations» replaced by «with a 'minimum detection limit'» |
| 2B351.a Technical Note | AG | New Technical Note: Local definition of «minimum detection limit» |

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| Category 3 | | |
| 3A Note 1 | WA | Editorial change |
| 3A001.b.7.a-c | WA | Parameter for the frequency range changed from 90 GHz to 110 GHz |
| 3A001.b.7.c.2 | WA | Parameter for output power changed from 31.62 mW (15 dBm) to 100 mW (20 dBm) |
| 3A001.b.7.c.3 | WA | Entry deleted and replaced by «not used» |
| 3A001.b.9. Technical Notes | WA | Editorial change, Technical Notes aligned with standard phrasing |
| 3A002.c.2-4 | WA | Control parameters for «signal analysers» updated |
| 3A002.d.1 Technical Note | WA | Technical Note 2 moved up from 3A002.d.6 to 3A002.d.1 |
| 3A002.d.2-6 | WA | Parameter for the frequency range changed from 90 GHz to 110 GHz |

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|---------------------------|----|--|
| 3A002.d. Technical Note | WA | «Maximum frequency» replaced by «maximum output frequency». Technical Note 2 deleted and moved to 3A002.d.1. |
| 3A002.e.1 + .2 | WA | Control parameters for «network analysers» updated |
| 3A002.e.2 | WA | Entry deleted and replaced by «not used» |
| 3B001.a.2 | WA | Addition of «oxygen» to compounds for equipment for epitaxial growth, resulting in the addition of gallium oxide (GaO) |
| 3B001.e Technical Notes 1 | WA | Editorial change (Linking «production» to global definition) |
| 3C003 | WA | Editorial change («better» replaced by «greater (better)») |
| 3C004 | WA | Editorial change («better» replaced by «greater (better)») |

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| Category 4 | | |
| | | No amendment to Category 4 |

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| Category 5 Part 1 | | |
| 5A001.b.2.b | WA | Clarification of accuracy parameter for «amplifiers for wireless communication equipment». Editorial change: «better» replaced by «less (better)». |
| 5A101 Note | MTCR | «GNSS» replaced by «navigation satellite systems» |
| 5D001.e | WA | Amendment to clarify concept of law enforcement |
| 5D001.e.2 | WA | Clarification of lawful interception software |
| Category 5 Part 2 | | |
| 5A002.a | WA | Complete restructure |
| 5A002.a Technical Notes | WA | Entry 1.g. modified; new entries 1.h to 1.j and new N.B. |
| 5A002.a Note 2.b | WA | Entry deleted, replaced by «not used» |
| 5A002.a Note 2.e | WA | Modification of decontrol Note 2.e. for commercial cryptography applications |
| 5A002.a Note 2.f | WA | Entry deleted, replaced by «not used» |
| 5A002.a Note 2.g | WA | Parameter change: Increase of number of concurrent users for mobile telecommunications Radio Access Network (RAN) equipment from 16 to 32 concurrent users as an upper limit. |

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| Category 6 | | |
| 6A001.a.1.d | WA | «Underwater» replaced by «submersible» |
| 6A001.a.1.d Note | WA | «Underwater» replaced by «submersible» |
| 6A001.a.2.a.4 | WA | Editorial change («better» replaced by «greater (better)») |
| 6A001.a.2.a.6 | WA | Editorial change («better» replaced by «greater (better)») |
| 6A001.a.2.b | WA | Technical Note moved to the end of the entry. Editorial change. |
| 6A001.a.2.d.1 | WA | Clarification of accuracy parameters for «heading sensors». Editorial change: «better» replaced by «less (better)». |
| 6A001.a.2.g.2 | WA | Editorial change («better» replaced by «greater (better)») |

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|--------------------------|----|---|
| 6A001.b.1.b | WA | Clarification of accuracy parameters for «sonar log equipment». Editorial change: «better» replaced by «less (better)». |
| 6A001.b.2 | WA | Clarification of accuracy parameters for «sonar log equipment». Editorial change: «better» replaced by «less (better)». |
| 6A002.a.2 | WA | Technical Note deleted |
| 6A002.a.2.a.2.b | WA | Editorial change (Global definition «charge multiplication») |
| 6A002.a.2.b.2.b | WA | Editorial change (Global definition «charge multiplication») |
| 6A002.a.2.c.2 | WA | Editorial change (Global definition «charge multiplication») |
| 6A002.a.3 Note 2 c | WA | Editorial change (Global definition «charge multiplication») |
| 6A002.a.3 Technical Note | WA | Technical Note about «charge multiplication» deleted |
| 6A002.a.3.a.2.b | WA | Editorial change (Global definition «charge multiplication») |
| 6A002.a.3.b.2.b | WA | Editorial change (Global definition «charge multiplication») |
| 6A002.b Note | WA | Editorial change (Global definition «charge multiplication») |
| 6A003.a.3 | WA | Clarification of accuracy parameters for «electronic streak cameras». Editorial change: «better» replaced by «less (better)». |
| 6A005.f.3.a | WA | Clarification of accuracy parameters for «optical equipment». Editorial change: «less» replaced by «less (better)». |
| 6A005.g.2 | WA | Editorial change («better (less)» replaced by «less (better)») |
| 6A005.g.4 | WA | Editorial change («better (less)» replaced by «less (better)») |
| 6A006 | WA | Editorial change («lower» replaced by «less») |
| 6B004.a | WA | Editorial change: «better» replaced by «less (better)» |
| 6C005.b | WA | Technical Note 2 converted into a Note. Editorial change. |
| 6E003.a.2 | WA | Editorial change: «better» replaced by «less (better)» |

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| Category 7 | | |
| 7A N.B. | WA | «Underwater» replaced by «submersible» |
| 7A003.b | WA | Technical Note converted into a Note |
| 7A105 Notes | MTCR | Technical Note converted into a Note. Notes are being numbered. |

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| Category 8 | | |
| 8A002.a.4 | WA | Technical Note deleted |
| 8A002.d.1 | WA | «Underwater» replaced by «submersible» |
| 8A002.o | WA | Addition of «and related equipment» |
| 8A002.o.2.d | WA | Parameter for «power transmission systems» changed from 2 MW to 10 MW. Editorial change. |
| 8A002.o.3 | WA | Addition of «and related equipment» |

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| Category 9 | | |
| 9A006.a | WA | «Specially designed for use in space vehicles and capable of restricting» replaced by «designed to restrict» |
| 9A006.b | WA | Reference to platform types deleted, operating temperature corrected |

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|--------------|------|---|
| 9A108.a | MTCR | New N.B. and new Note regarding «insulation» |
| 9A121 Note | MTCR | Technical Note converted into a Note and editorial change |
| 9B009 Note | WA | Editorial change (Linking «production» to global definition) |
| 9B010 | WA | Editorial change (Linking «production» to global definition) |
| 9B105 Notes | MTCR | Editorial change. Technical Note 1 converted into Note 1. Notes and Technical Notes are renumbered. |
| 9B107 Notes | MTCR | Editorial change. Technical Notes converted into Notes. |
| 9C108 Note | MTCR | New Note regarding «insulation» |
| 9D004.b Note | WA | Editorial change (Linking «production» to global definition) |
| 9E003.f | WA | Editorial change (Global definition «high output diesel engines») |
| 9E003.g | WA | Technical Note deleted, «high output diesel engine» converted into global definition |

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