

Decision of Ministry of Environment, Forest and Climate Change with respect to import and export of hazardous and other waste under the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016 as approved by the Competent Authority on the basis of recommendation of 139th Meeting of Expert Committee (EC) held on 29th November, 2024

PROCEEDINGS

139th Meeting of Expert Committee (EC) for Appraisal of Applications for Import/Export of hazardous and other wastes with reference to Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended from time to time held on 29th November, 2024 through Online mode under the chairmanship of Shri Sudhir Srivastava.

Opening Remarks of the Chairman: The Chairman extended welcome to members and other participants and requested to start the proceeding as per the agenda adopted for this meeting.

Consideration of Proposals: The EC considered the proposals as per agenda adopted for the meeting. The details of deliberations held and decisions taken in the meeting are as under:

AGENDA NO. 1. IMPORT OF LEAD SCRAP/ BATTERY SCRAP (B1020/A1160)

1.1. M/s Birla Metals & Alloys LLP, Rangareddy, Telangana (New Application)

The application pertains to import of 12,000 MT Lead Scrap (B1020). The applicant has furnished Form 5, Justification for import, Process flow chart indicating adequate pollution control equipment. The Consent Order no. and Authorization No. 336-MBNR/TSPCB/ZOH/CFO/2024-1085 dated 23rd January, 2024 with validity 31st December, 2026. The consented capacity Lead Oxide is 10 TPD, Purified Lead/Lead Ingots is 12000 TPA & Grey Oxide/Red Oxide is 3000 TPA. The actual date of operation is 15th November, 2021. The production in last FY (2023- 2024) is 495.072 MT. The export was nil for FY (2023-24). The unit has working strength of 06 no. of employees.

Recommendation: Based on the information and details submitted by the applicant, the EC after deliberation on the proposal recommended import of 1,000 MT Lead Scrap (B1020). Further, the above recommended quantity may be granted after submission of site visit report by CPCB stating compliance of SOP without referring the application to the EC.

1.2. M/s Ardee Industries (P) Limited, Nellore, Andhra Pradesh (F.No.23/10/2022-HSM)

The applicant in context to the availability of Lead Scrap in international market has requested to include ISRI Codes “Rails / Radio / Racks / Relay / Ropes / Rents” (Basel No. B1020) in the previous permission granted for import of 31,025 MT of Lead Scrap as per ISRI Code (Rono, Roper, Rains and Rink) vide letter dated 16th April, 2024.

Recommendation: The EC after deliberation on the proposal, recommended to include ISRI Codes “Rails/Radio/Racks/Relay/Ropes/Rents” (Basel No. B1020) in the previous permission granted for import of 31,025 MT of Lead Scrap as per ISRI Code [Rono, Roper, Rains and Rink (A1060)] *vide* letter dated 16th April, 2024.

AGENDA NO. 2: IMPORT OF USED RUBBER TYRES SCRAP (BASEL NO. B3140/B3080/B3040)

2.1 M/s Shree Gurukrupa Enterprise, Ahmedabad, Gujarat (New Application).

The application pertains to import of 60,000 MT of Old/Used rubber tyre scrap/tube scrap (B3140). The applicant has furnished Form 5, Process flow chart indicating adequate pollution control Equipment. The Consent to Operate No. and authorization No.AWH -75199 dated 12th August, 2024 with validity 30th June, 2039. The consented capacity Crumb Rubber is 3,000 MT/Month & Chips/Rubber is 2,000 MT/Month. The date of establishment is 08th April, 2024. The actual date of operation is 12th August, 2024. The export is Nil. The unit having connected load of 300 KVA. The unit has working strength of 16 nos. permanent and 8 nos. daily wages.

Recommendation: Based on the information/details submitted by the applicant, the EC after deliberation on the proposal, recommended import of 1,500 MT of Old/Used rubber tyre scrap/tube scrap (B3140) for manufacturing of Crumb rubber & Chips. Further, the above recommended quantity may be granted after submission of site visit report by CPCB stating compliance of SOP without referring the application to the EC.

2.2 M/s PSS Industries Private Limited, Jhajjar, Haryana (New Application).

The application pertains to import of 1,500 MT of Old/Used rubber tyre scrap/tube scrap (B3040). The applicant has furnished Form 5, Process flow chart indicating adequate pollution control Equipment. The Consent to Operate No. HSPCB/BDR/2024/368 Dated 29th October, 2024 with Validity 31st March, 2034 and authorization No HWM/JHA/2024/70638967 dated 26th July, 2024 with validity 31st March, 2029. The consented capacity for manufacturing process of tyres rubber mulch and Granules is 60 MT/day, manufacturing of Rubber Floor Mats is 5 MT/day, Fiber (Obtained From Tyre Scrap)- Crumb Rubber Power is 200 MT /day, Crumb Rubber Chips is 160 MT/day, Shredded Steel Scrap is 40 MT/day. The date of establishment is 29th November, 2022. The actual date of operation is 23rd May, 2024. The unit has working strength of 22 no. of employees.

Recommendation: Based on the information/details submitted by the applicant, the EC after deliberation on the proposal, recommended import of 1,500 MT of Old/Used rubber tyre scrap/tube scrap (B3040) for manufacturing of crumb rubber. Further, the above recommended quantity may be granted after submission of site visit report by CPCB stating compliance of SOP without referring the application to the EC.

2.3 M/s Hi-Green Carbon Limited, Bhilwara, Rajasthan (New Application).

The application pertains to import of 20,000 MT of Old/Used rubber tyre scrap /tube scrap (B3140/B3080) for manufacturing of Recovered Carbon Black (RCB). The applicant has furnished Form 5, Process flow chart indicating adequate pollution control Equipment. The Consented to Operate 2022-2023/HSW/9418 dated 07th April, 2022 and with validity 31st October, 2026 and authorization No RPCB/HWM/2022-2023/HSW/HSW/4 dated 07th April, 2022 with validity 28th February, 2027. The consented capacity of Black Carbon is 58 MT/day, Green Oil is 72 MT/day, Recovered Grinding Carbon is 30 MT/day, and Steel wire is 22 MT/day. The actual date of operation is 07th April, 2022. The production in last FY (FY 2023-24) is 9,518 MT. The export is Nil. The unit having connected load of 300 KW and respective electricity bill paid amount of Rs.1,94,50,011/- in FY 2023-2024. GST of Rs.12,48,95,642/- was paid by the applicant during FY 2023-2024. The unit has working strength of 22 no. of employees.

Recommendation: Based on the information/details submitted by the applicant, the EC after deliberation on the proposal, recommended CPCB to check and verify compliance of SOP and conditions recommended by the Technical Review Committee (TRC) in its 76th and 83rd meeting held on 24.01.2023 and 28.12.2023 respectively in case of import of used tyre scrap for production of Recovered Carbon Black (RCB) and submit report to the Ministry. Till then matter is deferred.

2.4 M/s Star Trading House, Pune, Maharashtra (F. No. 23/98/2024-HSMD).

The application pertains to import of 15,000 MT of Old/Used rubber tyre scrap /tube scrap (B3140 & B3080). The applicant has furnished Form 5, Process flow chart indicating adequate pollution control Equipment. The Consent to Operate No. and authorization No. ORANGE/S.S.I (G41) No: - Format1.0/RO/UAN No.0000182434/CR/2312000942 dated 08th December, 2023 is valid up to 30th September, 2027. The consented capacity for Rubber Mulch (shredded rubber after removal of steel wire and fibers) – 70 MT/day. The date of establishment is 23rd May, 2019. The actual date of operation is 3rd December, 2019. The production in last FY (FY 2023-24) is 16,711.61 MT. The export is Nil. The unit having connected load of 200 KW/HP and electricity bill paid amount of Rs.1,15,65,090/- in FY 2023-2024. GST of Rs.4,92,41,113.92/- was paid by the applicant during FY 2023-2024. The previous permission was given for the import of 1500 MT of Used Rubber Tyre Scrap *vide* letter dated 03rd September, 2024. The site visit was conducted by CPCB on 16th July, 2022. The unit has working strength of 12 no. of employees.

Recommendation: Based on the information/details submitted and GST & electricity paid by the applicant by the applicant, the EC after deliberation on the proposal, recommended import of 11,141 MT of Old/Used rubber tyre scrap/tube scrap (B3140 & B3080).

2.5 M/s SNR Reclamation Pvt. Ltd, Ludhiana, Punjab (F. No. 23-86-2015- HSMD).

The application pertains to import of 15,000 MT of Old/Used rubber tyre scrap /tube scrap (B3080 & B3140). The applicant has furnished Form 5, Process flow chart indicating adequate pollution control Equipment. The Consent to Operate No. CTOA/Varied/LDH1/2024/25613928 dated 15th May, 2024 with validity 30th June, 2029

and authorization No. HWM/renew/LDH1/2022/17780368 dated 16th March, 2022 with validity 31st March, 2027. The consented capacity for Reclaim rubber, butyl reclaim rubber, crumb, rubber/granule rubber of any mesh size/Shredded rubber is 160 T/day. The date of establishment is 02nd November, 2011. The actual date of operation is 07th November, 2014. The production in last FY (FY 2023-24) is 16,601.695 MT. The export is Nil. The unit having connected load of 850 KW and respective electricity bill paid amount of Rs.2,40,07,749/- in FY 2023-2024. GST of Rs.3,53,56,173/- was paid by the applicant during FY 2023-2024. The previous permission was given for the import of 9,320 MT of Used Rubber Tyre Scrap vide letter dated 14th February, 2023. The site visit was conducted by CPCB on 02nd July, 2020. The unit has working strength of 22 no. of employees

Recommendation: Based on the information/details submitted and GST & electricity paid by the applicant, the EC after deliberation on the proposal, recommended import of 11,068 MT of Old/Used rubber tyre scrap/tube scrap (B3080 & B3140). Further, The 50% of the above recommended quantity (i.e. 5,534 MT) may be granted now and the remaining 50% quantity (i.e. 5,534 MT) may be granted after submission of site visit report by CPCB stating compliance of SOP without referring the application to the EC.

2.6 M/s R G Industrial Corporation, Jhajjar, Haryana (F.No. 23/119/2021- HSMD).

The application pertains to import of 10,000 MT of Old/Used rubber tyre scrap /tube scrap (B3080 and B3140). The applicant has furnished Form 5, Process flow chart indicating adequate pollution control Equipment. The Consent to Operate No. HSPCB/Consent/: 29805024JHACTO76002338 dated 15th May, 2024 with validity 30th June, 2029 and authorization No. HWM/JHA/2024/31761598 dated 29th August, 2024 with validity 31st March, 2029. The consented capacity for Tyre Crumb/Granules/Shreds is 40 MT/day, Rubber Compound is 5 MT/day, Rubber Reclaiming is 58 Metric Tonnes/day, Tyres and tubes vulcanization is 12 MT/day. The date of establishment is 28th February, 2015. The actual date of operation is 07th November, 2015. The production in last FY (FY 2023-24) is 11,281 MT. The export is Nil. The unit having connected load of 450 KVA and respective electricity bill paid amount of Rs.1,12,24,545/- in FY 2023-2024. GST of Rs.1,94,77,038/- was paid by the applicant during FY 2023-2024. The previous permission was given for the import of 5,070 MT of Used Rubber Tyre Scrap vide letter dated 01st December, 2023. The site visit was conducted by CPCB on 08th January, 2021. The unit has working strength of 18 no. of employees.

Recommendation: Based on the information/details submitted and GST & electricity paid by the applicant, the EC after deliberation on the proposal, recommended import of 7,520 MT of Old/Used rubber tyre scrap/tube scrap (B3080 and B3140). Further, The 50% of the above recommended quantity (i.e. 3,760 MT) may be granted now and the remaining 50% quantity (i.e. 3,760 MT) may be granted after submission of site visit report by CPCB stating compliance of SOP without referring the application to the EC.

2.7 M/s Harekrishna Rubber Industries Pvt. Ltd., Palghar, Maharashtra (F.No. 23/37/2024-HSM).

The application pertains to import of 5,000 MT of Old/Used rubber tyre scrap /tube scrap (B3140 & B3080). The applicant has furnished Form 5, Process flow chart indicating adequate pollution control Equipment. The Consent to Operate No. and authorization MPCB-Consent- : 0000167433 dated 6th April, 2023 with validity 31st March, 2029. The consented capacity for Rubber chips/rubber mulch/rubber granules/crumb rubber is 4,800 MT/M. The date of establishment is 01st August, 2022 and the actual date of operation is 6th April, 2023. The production in last FY (FY 2023-24) is 2,639 MT. The export is Nil. The unit having connected load of 300 KV and respective electricity bill paid amount of Rs.16,51,391/-, Diesel bill is 3,96,100/- in FY 2023-2024. GST of Rs.49,08,878/- was paid by the applicant during FY 2023-2024. The previous permission was given for the import of 1,500 MT of Used Rubber Tyre Scrap vide letter dated 6th May, 2024. The site visit was conducted by CPCB on 18th March, 2024. The unit has working strength of 18 no. of employees.

Recommendation: Based on the information/details submitted and GST & electricity paid by the applicant, the EC after deliberation on the proposal, recommended import of 1,759 MT of Old/Used rubber tyre scrap/tube scrap (B3140 & B3080) for manufacturing of Rubber chips/rubber mulch/rubber granules/crumb rubber.

2.8 M/s Asia Rubber Products, Ludhiana, Punjab (F. No. 23/41/2018- HSMD).

The applicant has requested for the extension of validity period of previous permission granted for import of 5,690 MT of Old/used rubber tyre scrap (B3140/B3080) vide letter dated 09th June, 2023 by at least 06 months. It is mentioned that due to late approvals of DGFT and site visit of CPCB they could not utilize the quantity.

Recommendation: As per the request of the applicant *vide* email dated 27th November, 2024 for withdrawal of their request, therefore case not considered by EC.

2.9 M/s Markap Resources Private Limited, Sirohi, Rajasthan (F.No.23-259-2014-HSM).

The applicant has requested to include rubber Scrap and Waste Rubber Compound (B3040) in the previous permission granted for import of 26,170 MT of Old/used rubber tyre scrap (B3140/B3080) vide letter dated 14th August, 2024.

Recommendation: The EC after deliberation on the proposal, recommended to include rubber Scrap and Waste Rubber Compound (B3040) in the previous permission granted for import of 26,170 MT of Old/used rubber tyre scrap (B3140/B3080) *vide* letter dated 14th August, 2024.

2.10 M/s Sohanlal Shantilal Jain, Palghar, Maharashtra (F.No.23-116-2015-HSMD).

The applicant has requested for the extension of validity period of previous permission granted for import of 3,830 MT of Old & used tyre scrap, rubberized friction cord scrap, green tyre scrap, pairings/scrap of rubber, rejected scrap conveyor belt, unvulcanized rubber compound scrap (B3140/B3080) vide letter dated 11th April, 2023 and 22nd August, 2024 by

at least 01 year. It is mentioned that they have imported only 3,190.972 MT balance quantity not imports due to the persistent geopolitical issues in Europe and the Middle East have not only disrupted the movement but have also significantly impacted commercial aspects of the import.

Recommendation: The EC after deliberation on the proposal, recommended extension of validity for 06 months from the date of expiry of the previous permission granted for import of 3,830 MT of Old & used tyre scrap, rubberized friction cord scrap, green tyre scrap, pairings/scrap of rubber, rejected scrap conveyor belt, unvulcanized rubber compound scrap (B3140/B3080) vide letter dated 11th April, 2023 i.e. up to 10th April, 2025. No further extension will be given.

AGENDA NO. 3. IMPORT OF OTHER WASTE LIKE TITANIUM POWDER(B1031)/ PET FLAKES (B3011)/SPENT CATALYST(B1120)

3.1 M/s Keshan Industries LLP, Medak, Telangana. (New Application).

The application pertains to import of 1,200 MT of copper scrap (B1010, B1070, B1100). The applicant has furnished Form 5, justification for import, chemical analysis report of the waste to be imported from accredited laboratory, process flow chart indicating adequate pollution control equipment and acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). The Consent to Operate No. and Authorisation No. TSPCB/ZO/RCP/RCPM/519/CFO/2024-240524584385 dated 19th January, 2024 with validity 31st March, 2028. The consented / authorized capacity Copper and Brass Sheets is 200 TPM, Copper and Brass Bar Strips is 200 TPM, Copper & Brass Billet, Ingot & Brass Bar is 1,000 TPM, Copper, Brass utensils is 50 TPM. The unit has work strength of 21 nos. of employees.

Recommendation: The EC after hearing the views of the applicant noted that at present unit does not have required facility for processing/recycling of waste listed under Basel No. B1070 & B1100 and therefore there is no reason to consider import permission under Basel No. B1070 & B1100. EC, further noted that Basel No. B1010 falls under Part D, Schedule III of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and is applicable for import and export without permission from Ministry of Environment, Forest and Climate Change.

3.2 M/s Madhav KRG Environmental Solutions Pvt. Ltd, Fatehgarh Sahib, Punjab (New Application).

The application pertains to import of 3,000 Ton of Exhaust Air or Gas cleaning residue (APCD Dust) (A4100). The applicant has furnished Form 5, justification for import, chemical analysis report of the waste to be imported from accredited laboratory, process flow chart indicating adequate pollution control equipment and acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). The Consent to Operate No. and Authorisation No. CTOW/Renewal/FSG/2024/229655878 dated 02nd January,

2024 with validity 31st December, 2024. The consented/authorized capacity Schedule I 35.1 Exhaust Air or Gas cleaning residue is 12,000 T per Annum. The unit has work strength of 250 nos. of employees.

Recommendation: The EC after deliberation on the proposal, recommended CPCB to conduct a site visit to understand the process, supply chain, domestic details, material composition, machinery etc. and submit a report to the Ministry. Till then the matter is deferred.

3.3 M/s Dodhia Synthetics Ltd, Surat, Gujarat (New Application).

The application pertains to import of 7,622.5 MT of PET Flakes (B3011). The applicant has furnished Form 5, justification for import, chemical analysis report of the waste to be imported from accredited laboratory, process flow chart indicating adequate pollution control equipment and acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). The Consent to Operate No. and Authorisation No.AWH-137892 dated 22nd October, 2024 with validity 27th March, 2028. The consented / authorized capacity for Pet flakes/chips/pellets from recycling of pet bottle waste is 4,500 MTA. The unit has work strength of 432 nos. of employees.

Recommendation: The EC after deliberation on the proposal noted that the unit was granted CTO on 22.10.2024 and hence does not fulfill the existing criterion of at least one year of production for considering import application. Therefore, EC did not consider the application.

3.4 M/s Primaeam Solutions Private Limited, Chennai, Tamil Nadu (New application).

The application pertains to import of 1,000 kg of Titanium powder (B1031). The applicant has furnished Form 5, justification for import, chemical analysis report of the waste to be imported from accredited laboratory, process flow chart indicating adequate pollution control equipment and acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB)/Pollution Control Committee (PCC). The Consent to Operate No. 2305247009341 dated 07th November, 2023 with validity 31st March, 2026 and Authorisation No. 24HFD59452341 dated 5th November, 2024 with validity 31st March, 2029. The consented/authorized capacity for Medical implants is 9,000 kg/year, Metal Prototypes/Functional Parts is 1,365 kg/year, Plastic Prototypes/Functional Parts is 2,860 kg/year. The unit has work strength of 250 nos. of employees.

Recommendation: The EC after deliberation on the proposal, recommended import of 1,000 kg of Titanium powder (B1031) to be used for medical purpose.

3.5 M/s Nirmal Fibres Private Limited, Amroha, Uttar Pradesh (New application).

The application pertains to import of 31,200 MT of PET Flakes (B 3011). The applicant has furnished Form 5, justification for import, chemical analysis report of the waste to be imported from accredited laboratory, process flow chart indicating adequate pollution control equipment and acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee

(PCC). The Consent to Operate No. and Authorisation No. 180198/UPPCB/Bijnore (UPPCBRO)/CTO/both/Amroha/2023 dated 13th April, 2023 with validity 31st July, 2025. The consented / authorized capacity for Polyester Staple Fibres is 2,600 MT/M, PP Non-woven Fabrics is 300 MT/M, PVC Coated Fabric is 10,000 meter/day. The production in last FY (FY 2023-24) is 30,480 MT. The export is Nil. The unit has work strength of 15 nos. of employees.

Recommendation: The EC after deliberation on the proposal, recommended import of 4,572 MT of PET Flakes (B3011).

3.6 M/s Unitec Fibres Limited, Thane, Maharashtra (F.No.23/12/2023-HSMD).

The application pertains to import of 10,000 MT of PET Flakes (B 3011). The applicant has furnished Form 5, justification for import, chemical analysis report of the waste to be imported from accredited laboratory, process flow chart indicating adequate pollution control equipment and acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). The Consent to Operate No. and Authorisation No. Format1.0/RO-HQ/UAN No.0000099837/CR-2103000068 dated 01st March, 2021 with validity 31st March, 2028. The consented / authorized capacity for Polyester Staple Fibres from waste PET bottle is 1,000 MT/M. The production in last FY (FY 2023-24) is 12,707 MT. The export is Nil. The unit has work strength of 170 nos. of employees.

Recommendation: The EC after deliberation on the proposal, recommended import of 1,906 MT of PET Flakes (B3011).

3.7 M/s TMK Traders, Theni, Tamil Nadu (New application).

The application pertains to import of 17 tons of AGRO FOOD WASTE (B 3060). The applicant has furnished Form 5, justification for import, the letter received from TNPCB is also submitted by the applicant.

Recommendation: The EC after deliberation on the proposal found that the applicant was not present in the meeting and advised the applicant to be present in next meeting along with relevant details. Therefore, matter is deferred for next meeting.

3.8 M/s PAMP Precision Manufacturing India Pvt. Ltd, Nuh, Haryana (New Application).

The application pertains to import of 5,000 Kgs of Solid Mixture slag/Ashes-Crucibles (B1100). The applicant has furnished Form 5, justification for import, chemical analysis report of the waste to be imported from accredited laboratory, process flow chart indicating adequate pollution control equipment and acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). The Consent to Operate No. HSPCB/Consent/:843072323GSMWCTO37936855 dated 16th July, 2023 is valid upto 30th September, 2028 and Authorisation No. HWM/GSMW/2024/39402688 dated 09th October, 2024 is valid up to 30th September, 2028. The consented / authorized capacity Silver Contact- 0.5 Metric Tonnes/day, Silver Salts – 0.4 Metric Tonnes/day, Silver Powder - 0.4 Metric Tonnes/day, Precious metal bearing wastes - 1 Metric Tonnes/day, Precious platinum group metal bearing Ewaste - 1 Metric Tonnes/day, Precious metal bearing anode slime, filter cake - 2 Metric Tonnes/day. The unit has work strength of 40 nos. of employees.

Recommendation: The EC after deliberation on the proposal, recommended import of 5,000 Kgs of Solid Mixture slag / Ashes-Crucibles (B1100).

Initial discussion and recommendation regarding import of Lithium Ion Battery Scrap:

The Expert Committee noted that a number of applications for import of Lithium Ion Battery Scrap are being received and felt that uniformity in this regard is needed.

The committee noted that a substantial amount of Li ion battery waste is being generated in our country and not much is being recycled. The units have represented that the collection system is not adequately developed and they are finding it difficult to source adequate raw material for their plants. More importantly, they have also represented that by importing such scrap and recovering Ni, Co and Lithium from it, they are augmenting the supply of scarce primary metals in the country, which will be beneficial for the development of the electric battery sector in the country. The committee finds considerable merit in this argument, but notes also that unfettered imports may hamper the development of the domestic waste Battery collection system.

The committee has also noted that there are occasional requests for export of Li ion battery waste, and the exporters have claimed that they prefer exports because of better realization. Clearly, while exports help the domestic collection system, they do adversely affect availability for domestic recyclers.

MoEF&CC's policy all along has been to promote domestic waste collection, domestic recycling and at the same time, allow limited imports for resource recovery to augment the availability of primary material and to support capacity utilisation of domestic recyclers.

Keeping in mind the well established regime for lead and rubber waste, the EC recommends that limited imports of Li ion battery waste may be allowed for units that recover one or more of the technical metals, namely Li, Ni or Co. Units that produce black mass may be allowed to import only if they demonstrate a firm tie up with a metal recovery unit.

The imports may be regulated as outlined below:

Initially an adhoc quantity of 100 MT will be given after site visit by CPCB stating compliance of SOP. For subsequent import permissions, calculation of eligible quantity will be twenty five percent (25%) of the actual production in the previous financial year. In cases where permission of some quantity was given in this FY the balance as per the above calculation may be given if applied again. This may be reviewed periodically in the light of experience.

Recommendations with regard to a uniform policy for regulating exports of Li ion battery waste or of black mass, which reconcile the need for a viable collection system and adequate availability for the domestic recycling industry, will be made separately.

3.9 M/s Exigo Recycling Private Limited, Karnal, Haryana (New Application).

The application pertains to import of 2,300 MT of Lithium –ion Battery Scrap (B 1090). The applicant has furnished Form 5, justification for import, chemical analysis report of the waste to be imported from accredited laboratory, process flow chart

indicating adequate pollution control equipment and acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). The Consent to Operate No. HSPCB/Consent/: 320220922KARCTO22133755 dated 27th March, 2022 is valid up to 30th September, 2026 and Authorisation No. HWM/KAR/2023/22503434 dated 13th May, 2023 is valid up to 30th September, 2026. The consented / authorized capacity Silver Contact Cobalt Lithium Nickel Manganese - 15 Metric Tonnes/day. The unit has work strength of 25 nos. of employees.

Recommendation: The EC after deliberation on the proposal, recommended import of 100 MT of Lithium Ion Battery Waste (B1090). Further, the above mentioned quantity may be granted after submission of site visit report by CPCB stating compliance of SOP without referring the application to the EC.

AGENDA ITEM NO. 4: IMPORT/ EXPORT OF USED ELECTRICAL AND ELECTRONIC ASSEMBLIES/ E-Waste (PCBs) (B1110)

Import of Used Electrical and Electronic assemblies:

4.1 M/s Atlbattery Technology (India) Private Limited, Sohna, Haryana (F. No. 23/125/2024-HSM).

The application pertains to import of 12 Nos. of Used Machinery for reuse and for manufacturing lithium ion cells (B1110). The applicant has furnished Form 5, justification for import, acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC) As per CE certificate, the manufacturing year is 2022, residual life is 11 years. The previous permission was granted for import of 81 nos *vide* letter dated 5th November, 2023. The unit is expected to provide employment to around 200 persons.

Recommendation: The EC after deliberation on the proposal recommended import of 12 Nos. of Used Machinery for reuse and for manufacturing lithium ion cells (B1110) subject to the condition that these equipment will be disposed after the end of life as per the prevailing Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended from time to time, E-Waste (Management) Rules, 2022 as amended from time to time / Battery Waste Management Rules, 2022.

Import of High End High Value Used Medical Devices

Internal Discussion and recommendation:

In case of import of High End High Value used/refurbished medical equipment by the third party on behalf of actual user, the committee recommended that Ministry may stipulate condition in the permission letter that the importer must provide the Chartered Engineer Certificate highlighting the remaining residual life of the medical equipment to the buyer along with sales invoice.

4.2 M/s Wipro GE Healthcare Pvt. Ltd., Bangalore Urban, Karnataka (F. No. 23/42/2024-HSM).

The application pertains to import of 08 Nos Refurbished/Used medical equipment [(CT Scanner-04, MRI-02, PET/CT-01, Interventional Radiology Equipment-01)] (B1110) for re-use purpose and not to be re-exported back. The applicant has furnished Form 5, justification for import, acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). As per CE certificate, the manufacturing year is 2001-2017, the residual life is 10 years. The previous permission was granted for import of 03 CT Scanner vide letter dated 11th October, 2024. The unit is expected to provide employment to around 5 persons.

Recommendation: The EC after deliberation on the proposal recommended import of 08 Nos. of Refurbished/Used medical equipment (i.e. CT Scanner-04, MRI-02, PET/CT-01, Interventional Radiology Equipment-01) (B1110) for re-use purpose and not to be re-exported back, subject to the condition that this equipment will be disposed after the end of life as per the prevailing Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended from time to time and E-Waste (Management) Rules, 2022 as amended from time to time.

4.3 M/s Philips India Limited, New Delhi, Delhi (F.No.23-207-2013-HSMD-VOL-III).

The application pertains to import of 01 Nos Refurbished/Used medical equipment [1 MRI] (B1110) for re-use purpose and not to be re-exported back. The applicant has furnished Form 5, justification for import, acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). As per CE certificate, the manufacturing year is 2015 and the residual life is 10 years. The previous permission was granted for import of 01 MRI vide letter dated 5th November, 2024. The unit is expected to provide employment to around 10 persons.

Recommendation: The EC after deliberation on the proposal import of 01 No of Refurbished/Used medical equipment (i.e. MRI) (B1110) for reuse purpose and not to be re-exported back, subject to the condition that this equipment will be disposed after the end of life as per the prevailing Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended from time to time and E-Waste (Management) Rules, 2022 as amended from time to time.

4.4 M/s Phantom Healthcare IND Pvt. Ltd., Faridabad, Haryana (F.No.23/87/2024-HSM)

The application pertains to import of 31 Nos of Refurbished/Used medical equipment [MRI- 15, CT- 9, Cathlab (Interventional Radiology Equipment) -2, PET- CT-5] (B1110) for re-use purpose and not to be re-exported back. The applicant has furnished Form 5, justification for import, acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). As per CE certificate, the manufacturing year is 2018-2019 and the residual life is 10 years. The previous permission was granted for import of 11 nos. of equipments vide letter dated 14th August, 2024. The unit is expected to provide employment to around 230 persons.

Recommendation: The EC after deliberation on the proposal recommended import of 31 Nos of Refurbished/Used medical equipment [MRI- 15, CT- 9, Cathlab (Interventional Radiology Equipment) -2, PET-CT-5] (B1110) for reuse purpose and not to be re-exported back, subject to the condition that this equipment will be disposed after the end of life as per the prevailing Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended from time to time and E-Waste (Management) Rules, 2022 as amended from time to time.

4.5 M/s SBM Healthcare India Pvt. Ltd, Delhi (F. No. 23/62/2024 -HSM).

The application pertains to import of 20 Nos Refurbished/Used medical equipment (Cathlab-05, CT Scan-15) (B1110) for reuse purpose and not to be re-exported back. The applicant has furnished Form 5, justification for import, acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). As per CE certificate, the manufacturing year is 2018-2019 and the residual life is 10 years. The previous permission was granted for import of 08 equipment vide letter dated 11th October, 2024. The unit is expected to provide employment to around 5 persons.

Recommendation: The EC after deliberation on the proposal recommended import of 20 Nos. of Refurbished/Used medical equipment (Cathlab-05, CT Scan-15) (B1110) for reuse purpose and not to be re-exported back, subject to the condition that this equipment will be disposed after the end of life as per the prevailing Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended from time to time and E-Waste (Management) Rules, 2022 as amended from time to time.

4.6 M/s Radimage Technologies Private Limited, Faridabad, Haryana (F. No. 23/79/2024-HSM).

The application pertains to import of 04 Nos Refurbished/Used medical equipment (CT Scanner- 03 and Cathlab-01) (B1110). The applicant has furnished Form 5, justification for import, acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). As per CE certificate, the manufacturing year is 2018-2019 and the residual life is 9-11 years. The previous permission was granted for import of 09 nos. equipment vide letter dated 3rd September, 2024. The unit is expected to provide employment to around 26 persons.

Recommendation: The EC after deliberation on the proposal recommended import of 04 Nos. of Refurbished/Used medical equipment (i.e. CT Scanner-03 and Cathlab-01) (B1110) for re-use purpose and not to be re-exported back, subject to the condition that this equipment will be disposed after the end of life as per the prevailing Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended from time to time and E-Waste (Management) Rules, 2022 as amended from time to time.

4.7 M/s Seagul Infrass, Virudhunagar, Tamil Nadu (New Application).

The application pertains to import of 01 No of Refurbished/Used medical equipment

(Cathlab (Interventional Radiology Equipment) (B1110)). The applicant has furnished Form 5, justification for import, acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). As per CE certificate, the manufacturing year is 2016 and the residual life is 8-10 years.

Recommendation: The EC after deliberation on the proposal recommended import of 01 No of Refurbished/Used medical equipment (Cathlab (Interventional Radiology Equipment) for re-use purpose and not to be re-exported back, subject to the condition that this equipment will be disposed after the end of life as per the prevailing Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended from time to time and E-Waste (Management) Rules, 2022 as amended from time to time. However, the EC also noted that though the adequate residual life of the machine is certified, it has not been refurbished. Therefore, EC recommended that details of its usage in the immediate past 12 months and breakdown history may be obtained, if readily available and permission will be given after satisfactory reply without referring to the EC.

4.8 M/s Medinnova systems Pvt Ltd, Manjusar, Gujarat (F.No.23/100/2024-HSMD).

The application pertains to import of 98 Nos of Refurbished/Used medical equipment (MRI - 09, High End Operating Microscope - 05, Orthopedic Robotics Navigation Systems- 02, Endoscopy Camera Systems - 14, OT Integration System - 42, Image management System - 02, Flow Control Pump - 24) (B1110). The applicant has furnished Form 5, justification for import, acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). As per CE certificate, the manufacturing year is 2014-2019 and the residual life is 10-15 years. The previous permission was granted for import of 18 nos equipment vide letter dated 5th September, 2024. The unit is expected to provide employment to around 72 persons.

Recommendation: The EC after deliberation on the proposal recommended import of 98 Nos. of Refurbished/Used medical equipment (i.e. MRI - 09, High End Operating Microscope - 05, Orthopedic Robotics Navigation Systems- 02, Endoscopy Camera Systems - 14, OT Integration System - 42, Image management System - 02, Flow Control Pump - 24) (B1110) for re-use purpose and not to be re-exported back, subject to the condition that this equipment will be disposed after the end of life as per the prevailing Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended from time to time and E-Waste (Management) Rules, 2022 as amended from time to time. However, the EC also noted that though the adequate residual life of the machines is certified, the details regarding refurbishment are not clear. Therefore, EC recommended that details of their usage in the immediate past 12 months and breakdown history may be obtained, if readily available and permission will be given after satisfactory reply without referring to the EC.

4.9 M/s Blue Star Engineering & Electronic Limited, Thane, Maharashtra (F.No. 23/63/2024-HSM).

The application pertains to import of 04 Refurbished/Used medical equipment (MRI – 09), (B1110). The applicant has furnished Form 5, justification for import, acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). As per CE certificate, the manufacturing year is 2010-2011 and the residual life is 10 years. The previous permission was granted for import of 01 MRI vide letter dated 11th October, 2024. The unit is expected to provide employment to around 5 persons.

Recommendation: The EC after deliberation on the proposal recommended import of 04 Nos. of Refurbished/Used medical equipment (i.e. MRI – 09), (B1110) for re-use purpose and not to be re-exported back, subject to the condition that this equipment will be disposed after the end of life as per the prevailing Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended from time to time and E-Waste (Management) Rules, 2022 as amended from time to time.

4.10 M/s Biomex Instruments Private Limited, Chandigarh (F.No.23/83/2024-HSM).

The application pertains to import of 33 Nos Refurbished/Used medical equipment ([Computed Tomography: 19 Nos; Gamma Camera - 6 Nos.; PET CT - 2 Nos.; MRI - 4 Nos., Interventional Radiology - 2Nos.]), (B1110). The applicant has furnished Form 5, justification for import, acknowledgement for receipt of copy of application from concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC). As per CE certificate, the manufacturing year is 2018-2019 and the residual life is 07-10 years. The previous permission was granted for import of 03 nos equipment vide letter dated 14th August, 2024. The unit is expected to provide employment to around 5 persons.

Recommendation: The EC after deliberation on the proposal recommended import of 33 Nos. of Refurbished/Used medical equipment (i.e. Computed Tomography: 19 Nos.; Gamma Camera - 6 Nos.; PET CT - 2 Nos.; MRI - 4 Nos., Interventional Radiology – 2 Nos.), (B1110) for re-use purpose and not to be re-exported back, subject to the condition that this equipment will be disposed after the end of life as per the prevailing Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended from time to time and E-Waste (Management) Rules, 2022 as amended from time to time.

AGENDA ITEM NO. 5: EXPORT OF OTHERWASTE LIKE SPENT CATALYST (B1130/B1150) etc

5.1 M/s Hindalco Industries Ltd., Bharuch, Gujarat (F.No. 23/26/2020-HSMD).

The application pertains to export 6,000 MT of Copper convertor slag (B1100). The applicant has furnished Form 5, also provided Marine/ Insurance Policy No. 12120021240300000001 dated 01st April, 2024 with validity 31st March, 2025 and authorization no. AWH-108216 dated 30th May, 2020 with validity 02nd March, 2026. The annual capacity as per Authorization is Copper converting or C-Slag is 6,000 TPA. The unit is expected to provide employment to 1550 people.

Recommendation: The EC after deliberation on the proposal recommended export of 6,000 MT of Copper convertor slag (B1100) for recycling/ recovery purpose.

5.2 M/s Umicore India Private Limited, Raigarh, Maharashtra (F.No.23-128/2016-HSMD).

The application pertains to export 100 MT/A- of Ceramic/Metallic/Filter cake Catalysts (Part of Catalytic Converter) (B1130, B2030). The applicant has furnished Form 5, also provided Marine/ Insurance Policy No P0025200002/3102/100059 dated 01st November, 2024 with validity 31st October, 2025 and authorization no. BO/2402000009/MPCB/RO(BMW)/HSMD/AUTH/23/H&OW-140 dated 02nd February, 2024 with validity 31st May,2028. The annual capacity as per Authorization for Ceramic/Metallic/cake Catalysts waste (Part of catalytic converter) – 100 MTA. The unit is expected to provide employment to 10 people. The previous permission was granted for import of 100 MTA of Catalytic converter *vide* letter dated 01st April, 2024.

Recommendation: The EC after deliberation on the proposal recommended export of 100 MT/A- of Ceramic/Metallic/Filter cake Catalysts (Part of Catalytic Converter) (B1130, B2030) for recycling/recovery purpose.

5.3 M/s Pineview Technology Private Limited, Sonipat, Haryana (New Application).

The application pertains to export 200 MT of Used Ceramic of Particulate Filter (B1010/B1100/B1120/B1130/B1150). The applicant has furnished Form 5, also provided Marine/ Insurance Policy No OG-25-9906-1011-00000710 dated 18th October, 2024 with validity 18th October, 2025 and authorization no. HSPCB/Consent/: 843073224SONCTO67111476 dated 20th May, 2024 with validity 31st March, 2027. The annual capacity as per Authorization for Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications, Used/spent oil – 100 KL/A, Production Of Plastics, Process residues -500 T/Annum. The unit is expected to provide employment to 10 people.

Recommendation: The EC after deliberation on the proposal recommended export of 100 MT of Used Ceramic of Particulate Filter (B1010/B1100/B1120/B1130/B1150) for recycling/recovery purpose.

5.4 M/s Shri Mahalaxmi Impex, Chengalpattu, Tamil Nadu (New Application).

The application pertains to export 10,000 kgs of Auto catalytic converter monolith comb and Metal clad with honey comb (B1100). The applicant has furnished Form 5, also provided Marine/ Insurance Policy No 1016/360823761/00/000 dated 23rd September, 2024 with validity 22nd September, 2025 and authorization no. 24HFD61910997 dated 17th October, 2024 with validity 31st March, 2029. The annual capacity as per Authorization for Used auto catalytic convertor monolith comb & metal clad with honey comb – 20 MT/M. The unit is expected to provide employment to 10 people.

Recommendation: The EC after deliberation on the proposal recommended export of 10,000 kgs of Auto catalytic converter monolith comb and Metal clad with honey comb (B1100) for recycling/recovery purpose.

AGENDA ITEM No. 6: ANY OTHER ITEMS

6.1 Granting permission for import of Scrap tyres for 10 years for manufacturing of rCB (recovered Carbon Black) – Representation from M/s Birla Carbon SCM India Private Limited, Worli, Mumbai

The applicant vide letter dated 10th October, 2024 stated that Birla Carbon is one of the leading global suppliers of carbon-based solutions. In India, Birla Carbon has become a partner in Finster Black Private Limited to manufacture and supply rCB at large scale to the Indian tire manufacturers looking for more circular raw materials. It is therefore requested to consider the original request of M/s Finster Black Private Limited for granting NOC for import of Scrap tyre for a 10-year period for a volume of 50,000 TPA.

The matter was last discussed in 138th EC meeting held on 23rd October, 2024 and the EC noted that, TRC in its 76th meeting after detailed deliberation/discussion recommended that the permission for import of 50,000 MT of Used tyre scrap in baled/multicut form for production of Recovered Carbon Black (RCB) which will replace the virgin Carbon Black in manufacturing Industry, may be granted initially for a period of 3 years on pilot basis to M/s Finster Black Private Limited with certain conditions and also recommended that while Expert Committee considered application for import may imposed additional conditions. The recommendation of TRC was approved in the Ministry by the competent authority and accordingly, import permission has already been granted to M/s Finster Black Private Limited for FYs 2023-24, 2024-25 and 2025-26 as per current policy and felt that there is no need to consider the request for grant of import permission for a period of 10 years at this stage.

Now, the applicant vide letter dated 25th November, 2024 has again requested the Ministry/Committee to reconsider the original request of M/s Finster Black Private Limited for granting NOC for import of Scrap tyre for a 10-year period for a volume of 50,000 TPA. Accordingly, the matter is placed before the EC.

Discussions- The representative of the applicant stated that Birla Carbon has already introduced the Continua brand for sustainable carbonaceous material in Europe and has announced plans to do the same in partnership with Finster. They are looking at upgrading the facilities and laboratory at Finster, which would require substantial investments. It was also stated that the supplies to tyre companies usually involve medium to long term contracts, and assurance of supply of raw materials will help in tying up such contracts. The committee also desired to know what steps applicants would take to source material domestically and how they would assure that all imported material would be used for manufacturing rCB only.

Recommendation: The committee after hearing the views of the applicant recommended that the applicant may be asked to provide details as discussed in the meeting to the Ministry for further deliberation/decision in the matter in TRC meeting.

AGENDA ITEM No. 7: ANY OTHER ITEMS WITH PERMISSION OF THE CHAIR
