

Annexure - B

**Admark Polycoats Pvt. Ltd. - Compliance of EC dated 01st September, 2009
(Ref.: F. No.: J-11011/91/2009-IA-II(I)) (for the period January 2018 to June 2018)**

Sr. No.:	Project Condition	Compliance Status
A	Specific Conditions	
i.	<p>The company shall send all the wastewater containing amines to M/s Multichem, Plot No.: 104, GIDC, Nandesari Gujarat, and shall not involve itself in amine recovery or wastewater treatment in the premises for wastewater containing amines.</p>	<ul style="list-style-type: none"> ➤ The entire quantity of wastewater containing amines is sent for amine recovery to M/s Multichem, in GIDC Nandesari. M/s Multichem is holding valid CC&A from GPCB (AWH-91994) dated :12.01.2018 valid upto 31.12.2022. Copy of the same is attached herewith as Annexure-B1[A] ➤ The details pertaining to amine water sent to M/s Multichem for the period from Jan'18 to June'18 for recovery are shown herewith as Annexure - B1[B]. ➤ From the same, the average monthly disposal to Multichem (holding valid CC&A from GPCB (AWH-91994) dated :12.01.2018 valid upto 31.12.2022) is around 51.61 kL/month & corresponding daily quantity is 1.985 kL/day (against limit of 3.6 KLD). ➤ Job Work Challan for the same is enclosed herewith as Annexure-B1[C]
ii.	<p>The water requirement and wastewater generation shall not exceed 26.0 KLD and 3.6 KLD respectively.</p> <p>The wastewater 1.4 KLD generated from utilities shall be sent to CETP of M/s EICL, Umraya Gujarat.</p>	<ul style="list-style-type: none"> ➤ The water requirement for domestic use as well as cooling use has remained below 26 KLD. The water consumption data for period from Jan'18 to June'18 is attached herewith as Annexure - B1[B]. ➤ Industrial wastewater from process, (which is currently about 1.98 KLD on an average, against 3.6 KLD) is being sent to M/s Multichem for amine recovery. ➤ Wastewater from utilities (for which current average generation is @0.76 KLD, against limit of 1.4 KLD) is being sent to CETP of EICL, Umraya. Details pertaining to disposal at EICL for period from Jan'18 to June'18 are included herewith as Annexure - B1[B].
iii.	<p>The Company shall obtain permission for drawl of 26.0 KLD ground water from the CGWA/CGWB within three months from date of issue of this letter and a copy shall be submitted to the Ministry's Regional Office at Bhopal.</p>	<ul style="list-style-type: none"> ➤ The company has been issued permission for withdrawal of ground water from CGWA through its letter dated 16 th May 2018. ➤ Intimation regarding the same has also been submitted to RO of MoEF&CC at Bhopal vide our letter dated 29th June 2018 .



Annexure - B

**Admark Polycoats Pvt. Ltd. - Compliance of EC dated 01st September, 2009
(Ref.: F. No.: J-11011/91/2009-IA-II(I)) (for the period January 2018 to June 2018)**

Sr. No.:	Project Condition	Compliance Status																																																												
		<ul style="list-style-type: none"> ➤ Copy of intimation letter and CGWA-NOC vide NOC no.CGWA/NOC/IND/ORIG/2018/3503 is attached herewith as Annexure - B2 & B3 . 																																																												
iv.	The company shall provide the monitoring arrangement with stacks/ vents and regular monitoring shall be carried out and reports submitted to the SPCB, CPCB and Ministry's Regional Office at Bhopal.	<ul style="list-style-type: none"> ➤ The unit has provided adequate monitoring arrangements with the flue gas stacks associated with LDO fired Thermic Fluid Heaters and D.G. Sets. There are no process emissions as a part of the current operations. ➤ The stack monitoring is being carried out regularly on quarterly basis through NABL accredited laboratory (M/s. Excel Enviro Tech, Ahmedabad) vide certificate no.: TC-5892(Issued dated: 26.06.2017 and Valid till: 26.06.2019). (Annexure - B4) ➤ The reports pertaining to periodical stack analysis carried out are shown herewith as Annexure - B5. ➤ The summary for the observations during the period are as below, and they are within the limits prescribed by statutory authority : ➤ Stack attached to TFH-01 <table border="1" data-bbox="841 1205 1479 1541"> <thead> <tr> <th>Parameter</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Permissible Limit</th> </tr> </thead> <tbody> <tr> <td>PM, in mg/NM3</td> <td>24.25</td> <td>48.7</td> <td>39.98</td> <td>150</td> </tr> <tr> <td>SO2, in ppm</td> <td>1.3</td> <td>15.77</td> <td>6.156</td> <td>100</td> </tr> <tr> <td>NOx, in ppm</td> <td>7.5</td> <td>36.76</td> <td>17.28</td> <td>50</td> </tr> </tbody> </table> <ul style="list-style-type: none"> ➤ Stack attached to TFH-02 <table border="1" data-bbox="857 1563 1479 1899"> <thead> <tr> <th>Parameter</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Permissible Limit</th> </tr> </thead> <tbody> <tr> <td>PM, in mg/NM3</td> <td>23.77</td> <td>36.4</td> <td>31.45</td> <td>150</td> </tr> <tr> <td>SO2, in ppm</td> <td>0.4</td> <td>11.82</td> <td>4.27</td> <td>100</td> </tr> <tr> <td>NOx, in ppm</td> <td>5.7</td> <td>24.5</td> <td>12.03</td> <td>50</td> </tr> </tbody> </table> <ul style="list-style-type: none"> ➤ Stack attached to D.G Set <table border="1" data-bbox="873 1921 1479 1989"> <thead> <tr> <th>Parameter</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Permissible Limit</th> </tr> </thead> <tbody> <tr> <td>PM, in mg/NM3</td> <td>24.25</td> <td>48.7</td> <td>39.98</td> <td>150</td> </tr> <tr> <td>SO2, in ppm</td> <td>1.3</td> <td>15.77</td> <td>6.156</td> <td>100</td> </tr> <tr> <td>NOx, in ppm</td> <td>7.5</td> <td>36.76</td> <td>17.28</td> <td>50</td> </tr> </tbody> </table>	Parameter	Min	Max	Average	Permissible Limit	PM, in mg/NM3	24.25	48.7	39.98	150	SO2, in ppm	1.3	15.77	6.156	100	NOx, in ppm	7.5	36.76	17.28	50	Parameter	Min	Max	Average	Permissible Limit	PM, in mg/NM3	23.77	36.4	31.45	150	SO2, in ppm	0.4	11.82	4.27	100	NOx, in ppm	5.7	24.5	12.03	50	Parameter	Min	Max	Average	Permissible Limit	PM, in mg/NM3	24.25	48.7	39.98	150	SO2, in ppm	1.3	15.77	6.156	100	NOx, in ppm	7.5	36.76	17.28	50
Parameter	Min	Max	Average	Permissible Limit																																																										
PM, in mg/NM3	24.25	48.7	39.98	150																																																										
SO2, in ppm	1.3	15.77	6.156	100																																																										
NOx, in ppm	7.5	36.76	17.28	50																																																										
Parameter	Min	Max	Average	Permissible Limit																																																										
PM, in mg/NM3	23.77	36.4	31.45	150																																																										
SO2, in ppm	0.4	11.82	4.27	100																																																										
NOx, in ppm	5.7	24.5	12.03	50																																																										
Parameter	Min	Max	Average	Permissible Limit																																																										
PM, in mg/NM3	24.25	48.7	39.98	150																																																										
SO2, in ppm	1.3	15.77	6.156	100																																																										
NOx, in ppm	7.5	36.76	17.28	50																																																										



Annexure - B

**Admark Polycoats Pvt. Ltd. - Compliance of EC dated 01st September, 2009
(Ref.: F. No.: J-11011/91/2009-IA-II(I)) (for the period January 2018 to June 2018)**

Sr. No.:	Project Condition	Compliance Status																																	
					ble Limit																														
		PM, in mg/NM3	1.8	31.6	18.55	150																													
		SO2, in ppm	0.8	13.8	5.166	100																													
		NOx, in ppm	9.7	30.63	16.71	50																													
		➤ The reports are now being submitted regularly to SPCB, CPCB and Regional Office of MoEF&CC Bhopal as a part of EC compliance.																																	
v.	The proponent shall upload the status of compliance of the Stipulated EC conditions, including monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office-of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant namely; SPM, RSPM, SO ₂ NO _x (Ambient levels as well as stack emissions), indicated for the project shall be monitored and displayed at the convenient location near the main gate of the Company in the public domain.	The details pertaining to grant of EC in 2009 are already updated on the company website http://admarkpolycoats.com/wp-content/uploads/2018/02/EC-issued-in-2009.pdf ➤ The status of compliance of EC conditions have also been updated on the company website. ➤ The compliance reports are now being sent to Regional Office of MoEF&CC in Bhopal; as well as respective CPCB zonal office & GPCB. ➤ Criteria pollutant levels are also being displayed near the main gate, and updated regularly, as per the guidelines of Honorable Supreme Court the same has been mandatory by GPCB.																																	
vi.	The process emissions and particulate matter from various units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	➤ Since all the reactions are being carried out in closed reaction vessels, there is no process emission as a part of the manufacturing process. ➤ Stack attached to TFH-01 <table border="1"> <thead> <tr> <th>Parameter</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Permissible Limit</th> </tr> </thead> <tbody> <tr> <td>PM, in mg/NM3</td> <td>24.25</td> <td>48.7</td> <td>39.98</td> <td>150</td> </tr> <tr> <td>SO2, in ppm</td> <td>1.3</td> <td>15.77</td> <td>6.156</td> <td>100</td> </tr> <tr> <td>NOx, in ppm</td> <td>7.5</td> <td>36.76</td> <td>17.28</td> <td>50</td> </tr> </tbody> </table> ➤ Stack attached to TFH-02 <table border="1"> <thead> <tr> <th>Parameter</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Permissible Limit</th> </tr> </thead> <tbody> <tr> <td>PM, in</td> <td>23.77</td> <td>36.4</td> <td>31.45</td> <td>150</td> </tr> </tbody> </table>				Parameter	Min	Max	Average	Permissible Limit	PM, in mg/NM3	24.25	48.7	39.98	150	SO2, in ppm	1.3	15.77	6.156	100	NOx, in ppm	7.5	36.76	17.28	50	Parameter	Min	Max	Average	Permissible Limit	PM, in	23.77	36.4	31.45	150
Parameter	Min	Max	Average	Permissible Limit																															
PM, in mg/NM3	24.25	48.7	39.98	150																															
SO2, in ppm	1.3	15.77	6.156	100																															
NOx, in ppm	7.5	36.76	17.28	50																															
Parameter	Min	Max	Average	Permissible Limit																															
PM, in	23.77	36.4	31.45	150																															



Annexure - B

**Admark Polycoats Pvt. Ltd. - Compliance of EC dated 01st September, 2009
(Ref.: F. No.: J-11011/91/2009-IA-II(I)) (for the period January 2018 to June 2018)**

Sr. No.:	Project Condition	Compliance Status																										
		mg/NM3																										
		SO ₂ , in ppm	0.4	11.82	4.27	100																						
		NO _x , in ppm	5.7	24.5	12.03	50																						
		The Monitoring report is enclosed herewith as Annexure-B5																										
vii.	Fugitive emissions in the work zone environment, product and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by GPCB.	<ul style="list-style-type: none"> ➤ Work zone monitoring is being carried out through NABL accredited lab (M/s. Excel Enviro Tech, Ahmedabad) Certificate No. TC58921, Issued date 27/06/17 & Valid date 26.06.19, in line with the statutory requirements. ➤ The details are included herewith under Annexure - B6. ➤ Date-17/01/2018 & 17/06/2018 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Location of monitoring</th> <th>Parameter</th> <th>Average 17-Jan-2018</th> <th>Average 17-June-2018</th> <th>TWA Conc.</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Between reactor 5 & 6 (1st floor)</td> <td>VOC as Xylene, in mg/m³</td> <td>3.2</td> <td>2.8</td> <td>435</td> </tr> <tr> <td>VOC as EDA, in mg/m³</td> <td>3.1</td> <td>3.5</td> <td>25</td> </tr> <tr> <td rowspan="2">Nr. Reactor 10 (Gr. floor)</td> <td>VOC as Xylene, in mg/m³</td> <td>2.8</td> <td>3.2</td> <td>435</td> </tr> <tr> <td>VOC as EDA, in mg/m³</td> <td>3.5</td> <td>3.8</td> <td>25</td> </tr> </tbody> </table>				Location of monitoring	Parameter	Average 17-Jan-2018	Average 17-June-2018	TWA Conc.	Between reactor 5 & 6 (1 st floor)	VOC as Xylene, in mg/m ³	3.2	2.8	435	VOC as EDA, in mg/m ³	3.1	3.5	25	Nr. Reactor 10 (Gr. floor)	VOC as Xylene, in mg/m ³	2.8	3.2	435	VOC as EDA, in mg/m ³	3.5	3.8	25
Location of monitoring	Parameter	Average 17-Jan-2018	Average 17-June-2018	TWA Conc.																								
Between reactor 5 & 6 (1 st floor)	VOC as Xylene, in mg/m ³	3.2	2.8	435																								
	VOC as EDA, in mg/m ³	3.1	3.5	25																								
Nr. Reactor 10 (Gr. floor)	VOC as Xylene, in mg/m ³	2.8	3.2	435																								
	VOC as EDA, in mg/m ³	3.5	3.8	25																								
viii.	<p>The project authorities shall decontaminate bag/containers and shall be reuse or sold-out to GPCB registered dealers.</p> <p>Incineration ash shall be sent to Common TSDf at Surat.</p>	<ul style="list-style-type: none"> ➤ The bags and containers are being sold out to M/s Maruti Recyclers who are recognized and registered by GPCB vide CC&A WH-64341 dated: 14.08.2014 valid upto 12.05.2019 copy of the same is attached herewith as Annexure-B7 ➤ Incinerator has been dismantled since amine bearing water is being sent to M/s Multichem for amine recovery, hence incineration ash is no 																										



Annexure - B

**Admark Polycoats Pvt. Ltd. - Compliance of EC dated 01st September, 2009
(Ref.: F. No.: J-11011/91/2009-IA-II(I)) (for the period January 2018 to June 2018)**

Sr. No.:	Project Condition	Compliance Status
	The spent oil shall be sold to authorized recyclers.	<p>to GPCB and amendment has been obtained in the consent as well vide CCA amendment letter no. GPCB/CCA-VRD-200/[NOC-VRD-3204]/ID:21562/202787 dated 30/01/2014 & valid upto 22/09/2018. Copy of the same is attached herewith as Annexure - B7(A).</p> <ul style="list-style-type: none"> ➤ Intimation in this regard has also been submitted to MoEF&CC at New Delhi vide our letter dated 15/03/2018, copy of letter with speed post receipt is attached as Annexure - B7(B). ➤ We would also like to add herewith that there is no change/impact in the manufacturing process due to dismantling of the incinerator. ➤ It is a practice to send used oil to GPCB recognized oil recyclers, as and when generated and collected in sufficient quantity.
ix.	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillage ages with domestic waste and storm drains.	<ul style="list-style-type: none"> ➤ Transfer of chemicals is done in line with the established SOPs and with aid of vacuum pumps where required. ➤ Garland drains have also been constructed to ensure that domestic waste and storm drains are not contaminated.
x.	The project authorities shall Develop greenbelt 33% of project area as per the guidelines of CPCB to mitigate of fugitive emissions.	<ul style="list-style-type: none"> ➤ Out of total premise are of 14,125 sq.m., about 5000 sq.m(i.e. 35%) is marked for plantation. ➤ Tree plantation is being done and full-grown trees are already being maintained over about 800 sq.m area, rest being green space / gardens. ➤ Also, about 2900 sq.m area has been earmarked and is being currently used for tree plantation for about 350 trees. ➤ In the month of June'18, around 450 nos. Of NEEM trees have been planted within the premises. Hence, at present around 800 nos. Of trees covering 350 fully grown and 450 newly planted trees are present at site. ➤ Photographs are included herewith as Annexure B8. ➤ In addition to above we have also purchased 50 no.s of plant pots, purchase order of the same os enclosed herewith as Annexure-B8



Annexure - B

**Admark Polycoats Pvt. Ltd. - Compliance of EC dated 01st September, 2009
(Ref.: F. No.: J-11011/91/2009-IA-II(I)) (for the period January 2018 to June 2018)**

Sr. No.:	Project Condition	Compliance Status
xi.	Adequate financial provision shall be made in the budget of the project for implementation of the above suggested environmental safeguards. Fund so earmarked shall not be diverted for any other purposes.	<ul style="list-style-type: none">➤ Average approximate expenditure of Rs. 18 lacs is being spent for implementation of environment management system is since past 3 years.➤ The unit is also holding ISO 14001 certification for its EMS.
xii.	Occupational health surveillance of the workers shall be done on a regularly basis and records maintained as per the Factories Act.	<ul style="list-style-type: none">➤ As per statutory requirement, the unit is engaging a qualified medical officer for conducting six monthly occupational health surveillance, and the records are being maintained.➤ Some records in this regard are included herewith as under Annexure - B9.
xiii.	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	<ul style="list-style-type: none">➤ The unit has made all due arrangements for fire protection in various areas of the plant.➤ The details pertaining to fire protection measures are included herewith under:<ul style="list-style-type: none">➤ All due precautions have been taken for fire protection as required under statutes as well as in line with OHSAS 18001.➤ Fire fighting facilities comprising automatic fire detection and control system, manual call points, fire alarms, fire buckets, etc. Are available as per the GFR and TAC guidelines.➤ About 50 nos. of fire extinguishers - of ABC, CO2 as well as M.F. type have been placed at strategic locations within the plant.➤ 150 kL fire water sump is being maintained in the unit for use during any fire emergency.➤ Monthly training is imparted to employees w.r.t fire hazards, fire alarm, handling of fire extinguishers as well as regarding on-site emergency plan, including mock drills.
xiv.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, crèche etc. The housing may be in the	<ul style="list-style-type: none">➤ Due to availability of labour from local area, labour colony was not required. However, provision of requisite sanitation facility as well as drinking water were provided to the engaged labour.



Annexure - B

Admark Polycoats Pvt. Ltd. - Compliance of EC dated 01st September, 2009
(Ref.: F. No.: J-11011/91/2009-IA-II(I)) (for the period January 2018 to June 2018)

Sr. No.:	Project Condition	Compliance Status
	form of temporary structures to be removed after the completion of the project.	

B	General Conditions	
i.	The project authorities shall strictly adhere to the stipulations of the SPCB/state government or any statutory body.	➤ Since commencement of production operation, unit has obtained all requisite permissions from statutory bodies - CTE & CC&A from GPCB, Registration of factory and license under Factories Act, and approval from PESO; the unit is complying with the conditions thereunder; these permissions/consents are also being renewed from time to time. Copies of the consent order & PESO permission are included under Annexure - B10 .
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	➤ The present production is always remaining less than 1000 MT/month as per the prevailing EC (Annexure - B1). The average production for period between Jan'18 and June '18 has been around 671.48 MT/month. ➤ We have duly made application to MoEF&CC for further expansion in manufacturing of epoxy hardeners from 1000 MT/month to 2000 MT/month. ➤ Based on application for ToR made on 25/12/2015, ToR for expansion was issued vide letter no.: J-11011/15/2016-IA II (I) dated 31/03/2016. The draft EIA was submitted and Public Hearing was conducted on site on 19/04/2017. ➤ The final EIA report was then submitted online for appraisal on 27/05/2017. ➤ Appraisal presentations were scheduled on 29/08/2017 & 27/02/2018. ➤ As conveyed by the committee, the case will be assessed on receipt of certified compliance report from MoEF&CC RO Bhopal.
iii.	The project authorities shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as	➤ The regulations under MSIHC, 1989 and amendments are being complied with, according to statutory permissions obtained under Factories Act, 1948.



Annexure - B

**Admark Polycoats Pvt. Ltd. - Compliance of EC dated 01st September, 2009
(Ref.: F. No.: J-11011/91/2009-IA-II(I)) (for the period January 2018 to June 2018)**

	<p>amended. Authorization from the SPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.</p>	<ul style="list-style-type: none"> ➤ Unit is holding authorization from SPCB for collection, treatment, storage, and disposal of hazardous wastes vide Order No.: AWH - 59893, issued in 2014 and valid till September, 2018; which is being renewed regularly. ➤ Unit is also holding approval from PESO vide license no.:P/HQ/GJ/15/5000 (P206601) issued on 17/01/2018. 																																																		
<p>iv.</p>	<p>Ambient air quality monitoring stations shall be set up in the downwind direction as well as where maximum ground level concentration are anticipated in consultation with the State Pollution Control Board.</p>	<ul style="list-style-type: none"> ➤ Ambient air quality monitoring is carried out through NABL approved lab (M/s. Excel Enviro Tech, Ahmedabad) vide certificate no.: TC-5892 Issue date: 26.06.2017 valid till 25.06.2019 and the stations are placed near Main Gate and near weight bridge of the plant, the periodical results pertaining to the same are included hereunder under Annexure - B5. ➤ Location-1 Near Main Gate <table border="1" data-bbox="781 987 1425 1435"> <thead> <tr> <th>Parameter</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Permissible Limit</th> </tr> </thead> <tbody> <tr> <td>PM10, in $\mu\text{g}/\text{m}^3$</td> <td>59.8</td> <td>62.51</td> <td>60.93</td> <td>100</td> </tr> <tr> <td>PM2.5, in $\mu\text{g}/\text{m}^3$</td> <td>12.1</td> <td>16.22</td> <td>13.94</td> <td>60</td> </tr> <tr> <td>SO₂, in $\mu\text{g}/\text{m}^3$</td> <td>10.96</td> <td>30.4</td> <td>23.68</td> <td>80</td> </tr> <tr> <td>NO_x, in $\mu\text{g}/\text{m}^3$</td> <td>33.57</td> <td>39.8</td> <td>37.22</td> <td>80</td> </tr> </tbody> </table> <ul style="list-style-type: none"> ➤ Location-2 Near Weight Bridge <table border="1" data-bbox="781 1458 1425 1906"> <thead> <tr> <th>Parameter</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Permissible Limit</th> </tr> </thead> <tbody> <tr> <td>PM10, in $\mu\text{g}/\text{m}^3$</td> <td>61.49</td> <td>64</td> <td>62.53</td> <td>100</td> </tr> <tr> <td>PM2.5, in $\mu\text{g}/\text{m}^3$</td> <td>9.3</td> <td>14.95</td> <td>11.28</td> <td>60</td> </tr> <tr> <td>SO₂, in $\mu\text{g}/\text{m}^3$</td> <td>10.96</td> <td>33.9</td> <td>26.02</td> <td>80</td> </tr> <tr> <td>NO_x, in $\mu\text{g}/\text{m}^3$</td> <td>32.96</td> <td>39.1</td> <td>36.88</td> <td>80</td> </tr> </tbody> </table> <ul style="list-style-type: none"> ➤ The results indicate that the concentrations are within the permissible limits. 	Parameter	Min	Max	Average	Permissible Limit	PM10, in $\mu\text{g}/\text{m}^3$	59.8	62.51	60.93	100	PM2.5, in $\mu\text{g}/\text{m}^3$	12.1	16.22	13.94	60	SO ₂ , in $\mu\text{g}/\text{m}^3$	10.96	30.4	23.68	80	NO _x , in $\mu\text{g}/\text{m}^3$	33.57	39.8	37.22	80	Parameter	Min	Max	Average	Permissible Limit	PM10, in $\mu\text{g}/\text{m}^3$	61.49	64	62.53	100	PM2.5, in $\mu\text{g}/\text{m}^3$	9.3	14.95	11.28	60	SO ₂ , in $\mu\text{g}/\text{m}^3$	10.96	33.9	26.02	80	NO _x , in $\mu\text{g}/\text{m}^3$	32.96	39.1	36.88	80
Parameter	Min	Max	Average	Permissible Limit																																																
PM10, in $\mu\text{g}/\text{m}^3$	59.8	62.51	60.93	100																																																
PM2.5, in $\mu\text{g}/\text{m}^3$	12.1	16.22	13.94	60																																																
SO ₂ , in $\mu\text{g}/\text{m}^3$	10.96	30.4	23.68	80																																																
NO _x , in $\mu\text{g}/\text{m}^3$	33.57	39.8	37.22	80																																																
Parameter	Min	Max	Average	Permissible Limit																																																
PM10, in $\mu\text{g}/\text{m}^3$	61.49	64	62.53	100																																																
PM2.5, in $\mu\text{g}/\text{m}^3$	9.3	14.95	11.28	60																																																
SO ₂ , in $\mu\text{g}/\text{m}^3$	10.96	33.9	26.02	80																																																
NO _x , in $\mu\text{g}/\text{m}^3$	32.96	39.1	36.88	80																																																



Annexure - B

**Admark Polycoats Pvt. Ltd. - Compliance of EC dated 01st September, 2009
(Ref.: F. No.: J-11011/91/2009-IA-II(I)) (for the period January 2018 to June 2018)**

v.	For control of process emissions, stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided. The scrubbed water shall be sent to ETP for further treatment	<ul style="list-style-type: none"> ➤ The unit has stacks associated with the two Thermic Fluid Heaters (1 working, 1 standby), with 18 m height each. ➤ There are no process emissions and hence scrubber is not required. ➤ Being LDO fired TFHs with stack height as per guidelines of GPCB, separate APCM are not required.
vi.	<p>The company shall undertake following Waste Minimization measure :</p> <ul style="list-style-type: none"> ➤ Metering of quantities of active ingredients to minimize waste. ➤ Reuse of by-products from the process as raw materials or raw material Substitutes in other processes ➤ Maximizing recoveries ➤ Use of automated material transfer system to minimize spillage. ➤ Use of "Closed Feed" system into batch reactors. 	<ul style="list-style-type: none"> ➤ Waste minimization measures are being implemented, details are as under : <ul style="list-style-type: none"> ➤ Metering is being done for the raw materials being utilized through mass flow meters for each reaction vessel. ➤ There is no generation of by-products from the process. ➤ Two stage condensers are associated with each reaction vessel so as to maximize solvent recovery. ➤ Vacuum feed system and double mechanical seal pumps with mass flow meters are installed for proper and efficient material transfer, and to prevent losses. ➤ The reactions are carried out in close systems only.
vii.	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management, Handling and trans boundary Movement) Rules, 2008. Authorization from the SPCB shall be obtained for collection/treatment/storage/disposal of hazardous wastes.	<ul style="list-style-type: none"> ➤ The unit has obtained due authorization from GPCB vide order no.: AWH - 59893, issued in 2014 and valid till September, 2018 for collection, treatment, storage and disposal of hazardous wastes, and the conditions there under are being complied with.
viii.	The overall noise levels in and around the plant area shall be kept well within the standards (75 dB for Day Time & 70 dB for night time) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels	<ul style="list-style-type: none"> ➤ The requisite noise prevention measures have been taken to ensure that noise levels within the plant area remain within limits. ➤ The ambient noise levels are being monitored regularly through NABL approved lab (M/s. Excel Enviro Tech, Ahmedabad) vide certificate no.: TC-5892. Issue date: 26.06.2017 and valid



Annexure - B

**Admark Polycroats Pvt. Ltd. - Compliance of EC dated 01st September, 2009
(Ref.: F. No.: J-11011/91/2009-IA-II(I)) (for the period January 2018 to June 2018)**

shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dB (day time) and 70 dB (night time).

till 25.06.2019.

➤ Noise level details for the periodical monitoring are included herewith under **Annexure - B5**, from which it can be seen that the noise levels remain within the permissible limit of 75 dB(A) for day time and 70 as stipulated under Factories Act, 1948.

Parameter	Min	Max	Average	Permissible Limit
Day Time				75 dB
Near Main Gate	58.4	59.3	58.9	
Near Security Cabin	52.1	56.5	54.9	
Near ADM office	53.4	55.5	54.4	
Near Q.C Lab	51.2	58.2	55.7	
Near R&D Lab	59.2	62.3	60.6	
Near Utility Area	62.4	72.6	68.6	
Near Production Plant Ground Floor	69.1	73.4	71.2	
Near Production Plant First Floor	69.4	73.8	71.8	
Near Ware house	64.6	66.8	65.3	
Near Storage Area	64.3	65.3	64.7	
Near D.G Set	70.4	73.7	72.3	

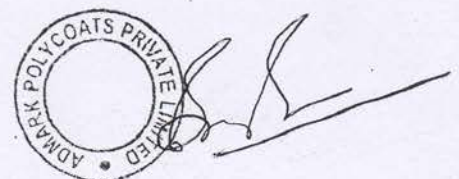
Parameter	Min	Max	Average	Permissible Limit
Night Time				70 dB
Near Main Gate	50.5	52.8	51.9	
Near Security Cabin	45.6	49.5	48	
Near ADM office	46.5	48.9	48	
Near Q.C Lab	49.6	50.2	49.8	
Near R&D Lab	52.1	57.3	53.9	
Near Utility Area	54.9	68.4	60.5	
Near Production Plant Ground	54.9	67.9	63.4	



Annexure - B

**Admark Polycroats Pvt. Ltd. - Compliance of EC dated 01st September, 2009
(Ref.: F. No.: J-11011/91/2009-IA-II(I)) (for the period January 2018 to June 2018)**

		Floor			
		Near Production Plant First Floor	54.8	68.3	62.1
		Near Ware house	47	58.8	54.8
		Near Storage Area	47	58.2	51.4
		Near D.G Set	60.9	68.9	63.5
ix.	A separate Environmental Management Cell equipped with full-fledged laboratory Facilities shall be set up to carry out the environmental management and monitoring functions.	<ul style="list-style-type: none"> ➤ Qualified personnel - Mr. Sarthak Katara - EHS Executive (Environment engineer) is being involved to assist w.r.t implementation of EMS. Appointment Letter of the same is attached herewith a Annexure- B11[A] ➤ For, routine monitoring at plant site, instruments viz. pH meter, TDS meter, conductivity meter have been purchased within in-house laboratory. ➤ We have already set up the laboratory. The purchase orders of the equipments is attached herewith as Annexure-B11[B] ➤ For rest of the parameters monitoring, full fledged NABL accredited laboratory of M/s Excel Enviro Tech (vide certificate no.: TC-5892) issue date:20.06.2017 valid upto 25.06.2019 is being utilized to carry out environmental monitoring. 			
x.	The project authorities shall provide rainwater harvesting system and ground water recharge.	<ul style="list-style-type: none"> ➤ For rain water harvesting, system consisting of one recharge well has been provided & photograph of the same is shown hereunder at Annexure - B12 			
xi.	The implementation of the project vis-a-vis environmental action plans shall be monitored by Ministry's Regional Office SPCB/CPCB. A six monthly compliance status report shall be submitted to monitoring agencies.	<ul style="list-style-type: none"> ➤ Monitoring of parameters is being done on regular basis. ➤ The copies of the six monthly compliance reports are now being regularly sent to ZO of CPCB and SPCB as well. 			
xii.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both on hard copies as well as by-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the	<ul style="list-style-type: none"> ➤ Monitoring of parameters is being done on regular basis. ➤ The copies of the six monthly compliance reports are now being regularly sent to ZO of CPCB and SPCB as well. 			



Annexure - B

**Admark Polycoats Pvt. Ltd. - Compliance of EC dated 01st September, 2009
(Ref.: F. No.: J-11011/91/2009-IA-II(I)) (for the period January 2018 to June 2018)**

	SPCB.	
xiii.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations if any, were received while processing the proposal. The clearance letter shall also put up on the website of the Company by the proponent.	<p>➤ <i>In absence of any specific representations from the said authorities / bodies, submission of EC clearance letter was not required.</i></p> <p><i>The details pertaining to grant of EC have been displayed on company website. Copy of the EC will also be duly put up on website.</i></p> <p>http://admarkpolycoats.com/wp-content/uploads/2018/02/EC-issued-in-2009.pdf.</p>
xiv.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Ministry's Regional Office.	<p>➤ <i>Complied.</i></p> <p>➤ <i>Copy of EC has also been updated on company website</i></p> <p>http://admarkpolycoats.com/wp-content/uploads/2018/02/EC-issued-in-2009.pdf.</p> <p>➤ <i>The advertisement was also published in local newspaper (Sandesh) and Indian Express dated 25/07/2009, within 7 days of receipt of hard-copy of EC on 21/09/2009. Copies of the advertisements are attached herewith as Annexure - B13(A) & copy of EC certificate having endorsement of date for receipt of original copy is attached as Annexure - B13(B).</i></p>
xv.	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the Company along with the status of compliance of EC conditions and shall also be sent to the respective regional Office of the MoEF by-mail.	<p>➤ Being <i>complied.</i></p> <p>➤ <i>Form V (Environment Statement) is being updated each year through online portal of GPCB and has been updated on company website, copy of the same is attached herewith as Annexure- B14</i></p>
xvi.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	<p>➤ <i>We would like to clarify that the expansion project for which EC was obtained in 2009 (increase in production of epoxy hardeners from 35 MTPM to 1000 MTPM within existing premises) was completely self financed. No loans were taken from external agencies for the</i></p>



Annexure - B

**Admark Polycoats Pvt. Ltd. - Compliance of EC dated 01st September, 2009
(Ref.: F. No.: J-11011/91/2009-IA-II(I)) (for the period January 2018 to June 2018)**

		<p>same.</p> <p>➤ Subsequent to completion of activities related to expansion, the production was commenced after submission of CC&A application for expansion, i.e on 16/05/2013, for which CCA was granted on 17/06/2013.</p>
--	--	---



[Handwritten signature]