

# ADMS TECHNICAL SPECIFICATION

## INDEX

August 2023

		ADMS 6	ADMS-Roads	ADMS-Urban	ADMS-Airport
P04/05F/17	Standard Properties in ADMS				
P05/01T/20	The Met Input Module				
P05/01U/23	The Met Input Module				
P07/01T/23	Output Specification for Mean Concentration and Deposition Fluxes				
P07/04G/17	Calculation of Long term Statistics				
P07/05G/17	Calculation of Exceedences Using the Fluctuations Module				
P09/01X/17	Boundary Layer Structure Specification				
P09/01Y/23	Boundary Layer Structure Specification				
P10/01Y/17 & P12/01Y/17	Plume/Puff Spread and Mean Concentration Module Specifications				
P10/02C/17	Stack Downwash				
P11/02Q/17	Plume Rise Model Specification				
P13/01E/92	The Fluctuations Module				
P13/03C/96	Averaging Time and Fluctuations in ADMS Versions 1 and 2				
P13/07H/23	Concentration Fluctuations in ADMS 3 onwards, Including Fluctuations from Anisotropic and Multiple Sources				
P14/01S/17	Complex Terrain Module				
P14/01T/23	Complex Terrain Module				
P15/01J/17	Coastline Model - The Thermal Internal Boundary Layer				
P16/01X/20	Modelling of Building Effects in ADMS		*1		
P16/01Y/23	Modelling of Building Effects in ADMS				
P17/06C/17	Sources for Radioactive Decay Data				

<sup>1</sup> Buildings can be modelled in ADMS-Roads Extra

		ADMS 6	ADMS-Roads	ADMS-Urban	ADMS-Airport
P17/11E/17	Modelling Radioactive Decay				
P17/12I/20	Modelling Wet Deposition				
P17/13I/20	Modelling Dry Deposition				
P17/13K/23	Modelling Dry Deposition				
P18/02K/23	NO <sub>x</sub> Chemistry in ADMS 6				
P18/03E/20	Urban Chemistry Including the Trajectory Model				
P20/01N/17	Calculation of $\gamma$ -Ray Dose rate from Airborne and Deposited Activity				
P24/01K/23	Multiple Sources, Species and Particle Sizes In ADMS 6				
P24/02B/20	Multiple Sources, Species and Particle Sizes In ADMS-Roads				
P24/03B/20	Multiple Sources, Species and Particle Sizes In ADMS-Urban				
P24/04B/20	Multiple Sources, Species and Particle Sizes In ADMS-Airport				
P25/03J/17	Implementation of Area, Volume and Line Sources				
P26/01I/23	Plume Visibility				
P26/02C/17	Calculation of Plume Temperature and Humidity				
P28/01C/17	Basic Street Canyon Model				
P28/02B/20	Advanced Street Canyon Specification				
P29/01F/23	Calculating Odour Levels				
P30/01D/20	Aircraft Sources				
P31/01C/20	Road Sources				
P32/01D/20	Aggregation of Source Emissions Onto a Grid				
P33/01B/17	Noise Barriers				
P34/01B/20	Urban Canopy Flow Specification				
P35/01A/17	Road Tunnel Specification				