



CLIENT	CHRIS THOMPSON CCHEM MRSC, TECHNICAL MANAGER (MATERIALS)	TEST DATE	25/07/18
ADDRESS	ENDEAVOUR SQUARE LONDON	PAGE No	1 OF 3
	E20 1JN	JOB No	183107
SITE/LOCATION	RUISLIP DEPOT – TRAIN CREW BUILDING - WEST RUISLIP	CERTIFICATE No.	C183107/250718/01
PROCESS BEING MONITORED	DIESEL PARTICULATE EXPOSURE MONITORING FROM IDLING TRAIN		
SAMPLES	STATICS	ANALYST (S)	AU
ANALYSIS LOCATION	BALANCE ROOM, MAIN LABORATORY	NO. OF SAMPLES	3 + BLANKS

TEST PROCEDURES

TEST METHOD CARRIED OUT IN ACCORDANCE WITH MDHS 14/4 AND IN-HOUSE TEST PROCEDURE 4R-E206. SAMPLING STRATEGY CARRIED OUT IN GENERAL ACCORDANCE WITH HSG 173 MONITORING STRATEGIES FOR TOXIC SUBSTANCES.

TWA: 8-HOUR TIME WEIGHTED AVERAGE

[illegible]

* RESPIRABLE: R, THORACIC: T, INHALABLE: I

TEMPERATURE: 30.5 °C

PRESSURE: 1015 MILLIBARS

UNCERTAINTY OF MEASUREMENT

THE LOWER LIMIT OF DETECTION IS CALCULATED TO BE 0.02MG. THE OVERALL ACCURACY OF MEASUREMENT IS DEPENDANT ON THE SAMPLING VOLUME; THE GREATER THE SAMPLING VOLUME, THE LOWER THE LIMIT OF ACCURATE MEASUREMENT.

HSE WORKPLACE EXPOSURE LIMIT (EH40/05):	RESPIRABLE DUST :	4 MG/M³ (8-HOUR TWA)
	INHALABLE DUST:	10 MG/M³ (8-HOUR TWA)

SAMPLES TAKEN ARE HELD IN THE MAIN LABORATORY AND WILL DISPOSED OF AFTER A *MINIMUM* PERIOD OF SIX MONTHS.

CERTIFICATE PREPARED BY

SIGNED

GRAVIMETRIC ANALYSIS CARRIED OUT BY:

SIGNED

CERTIFIED BY

SIGNED

ISSUE DATE

01/08/18

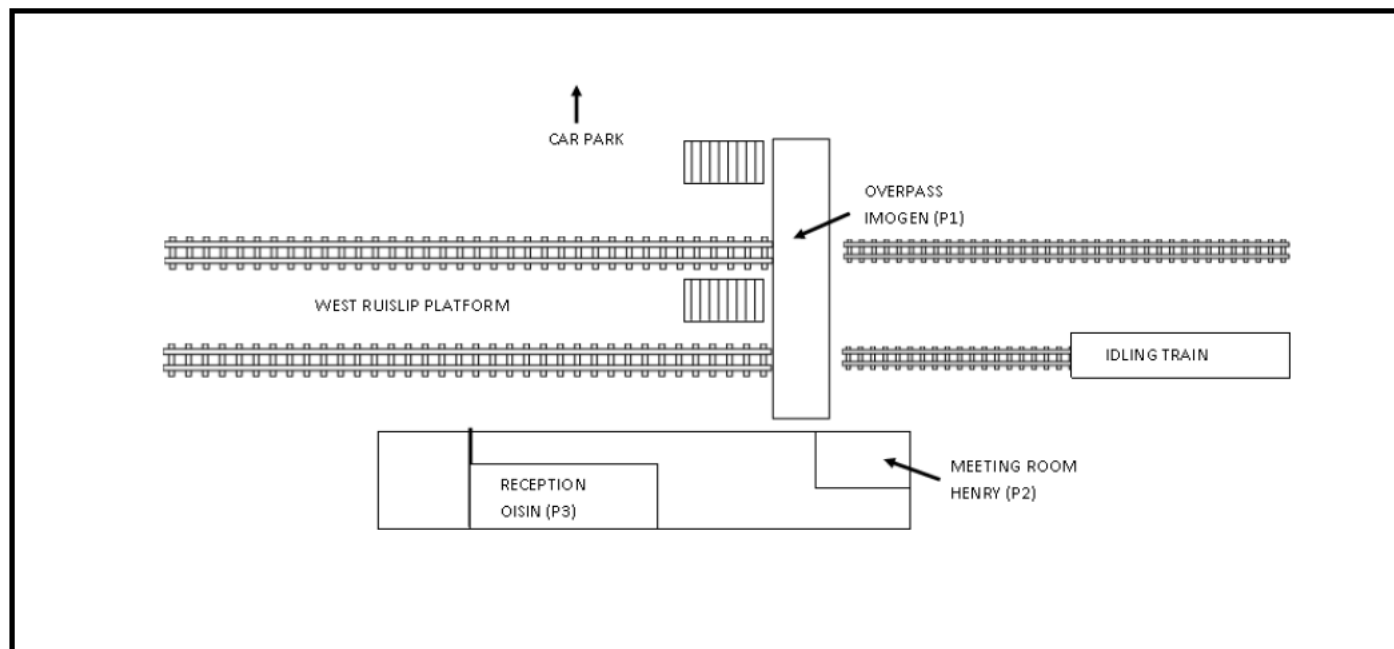
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FILTER NUMBER	HEAD/ PUMP NO.	START FLOW RATE / (l/min)	START TIME	FINAL FLOW RATE / (l/min)	FINISH TIME	FLOW RATE CHECK / (l/min)	TIME	FLOW RATE CHECK / (l/min)	TIME	FLOW RATE CHECK / (l/min)	TIME	FLOW RATE CHECK / (l/min)	TIME
183107/01	AAU3	2.2	08:17	2.2	12:18	2.2	09:20	2.2	11:01	-	-	-	-
183107/02	4RS14	2.2	08:19	2.2	12:16	2.2	09:22	2.2	11:02	-	-	-	-
183107/03	4RS18	2.2	08:09	2.2	12:15	2.2	09:23	2.2	11:02	-	-	-	-

ENVIRONMENTAL CONDITIONS

START TEMPERATURE	30 °C	START PRESSURE	1016 MILLIBARS				
FINAL TEMPERATURE	31 °C	FINAL PRESSURE	1014 MILLIBARS				
BALANCE SERIAL No.	<u>L40355</u>	CALIBRATION DUE DATE	<u>06/2019</u>	TIME KEEPING EQUIPMENT	<u>460035</u>	CALIBRATION DUE DATE	<u>30/07/18</u>
FLOWMETER REF. No.	71414	CALIBRATION DUE DATE	21/08/18	TEMPERATURE GAUGE. No.	410336	CALIBRATION DUE DATE	23/02/19

SITE DIAGRAM



REMARKS/OBSERVATIONS

THE OPINIONS AND INTERPRETATIONS EXPRESSED HEREIN ARE OUTSIDE THE SCOPE OF THE UKAS ACCREDITATION

AIR VELOCITY, IF REQUIRED : METRES PER SECOND

AIR DIRECTION, IF REQUIRED :

DURING SAMPLING

WARM AND STILL CONDITION – NOT MUCH WIND.

09:00 START STARTS IDLING

09:50 – TRAIN DEPARTS

DURING GRAVIMETRIC ANALYSIS

NOT APPLICABLE