








	MALAYSIAN REFINING COMPANY SDN. BHD. PLANT MODIFICATION PROJECT MANAGEMENT SYSTEM MECHANICAL COMPLETION AND TURNOVER		
	TEST PACK LIST		
Discipline INSTRUMENT	Project Title PSR-1 FAS/FGS UPGRADE AND GAS DETECTOR REPLACEMENT FOR REFINERY ASSET REJUVENATION TIGA (RESET) PROJECT AT MRCSB	PN No. WP57	ITR No. I-002

No.	Test Pack No.	Sub- Sub System/ Fluid Name	Description	Line No./Tag No.	Reference Drawings No.	Remarks
1	WP57-11-TP620-I001-HES	622	Gas Detector Replacement	65GA-106, 65GA-107, 65GA-110, 65GA-115	RESET-EXE-HES-1A-INC-LST-4001	
2	WP57-11-TP620-I002-HES	622	Gas Detector Replacement	65GA-108, 65GA-121	RESET-EXE-HES-1A-INC-LST-4001	
3	WP57-11-TP620-I003-HES	622	Gas Detector Replacement	65GA-111, 65GA-116, 65GA-119, 65GA-120	RESET-EXE-HES-1A-INC-LST-4001	
4	WP57-11-TP620-I004-HES	622	Gas Detector Replacement	65H2-120	RESET-EXE-HES-1A-INC-LST-4001	
5	WP57-11-TP620-I005-HES	622	Gas Detector Replacement	65GA-601	RESET-EXE-HES-1A-INC-LST-4001	
6	WP57-11-TP620-I006-HES	622	Gas Detector Replacement	65H2S-101, 65H2S-102, 65H2S-103, 65H2S-104, 65H2S-107	RESET-EXE-HES-1A-INC-LST-4001	
7	WP57-12-TP620-I001-HES	622	Gas Detector Replacement	65GA-129	RESET-EXE-HES-1B-INC-LST-4001	
8	WP57-12-TP620-I002-HES	622	Gas Detector Replacement	65H2-104, 65H2-112, 65H2-113, 65H2-114, 65H2-115	RESET-EXE-HES-1B-INC-LST-4001	
9	WP57-12-TP620-I003-HES	622	Gas Detector Replacement	65H2-101, 65H2-103	RESET-EXE-HES-1B-INC-LST-4001	
10	WP57-12-TP620-I004-HES	622	Gas Detector Replacement	65H2S-118, 65H2S-119, 65H2S-120	RESET-EXE-HES-1B-INC-LST-4001	
11	WP57-12-TP620-I005-HES	622	Gas Detector Replacement	65H2S-111	RESET-EXE-HES-1B-INC-LST-4001	
12	WP57-12-TP620-I006-HES	622	Gas Detector Replacement	65H2S-114	RESET-EXE-HES-1B-INC-LST-4001	
13	WP57-13-TP620-I001-HES	622	Gas Detector Replacement	65GA-170	RESET-EXE-HES-1B-INC-LST-4001	
14	WP57-13-TP620-I002-HES	622	Gas Detector Replacement	65GA-132, 65GA-137	RESET-EXE-HES-1B-INC-LST-4001	
15	WP57-13-TP620-I003-HES	622	Gas Detector Replacement	65GA-134, 65GA-139	RESET-EXE-HES-1B-INC-LST-4001	

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16	WP57-13-TP620-I004-HES	622	Gas Detector Replacement	65H2-118	RESET-EXE-HES-1B-INC-LST-4001		
17	WP57-13-TP620-I005-HES	622	Gas Detector Replacement	65H2-106, 65H2-116	RESET-EXE-HES-1B-INC-LST-4001		
18	WP57-13-TP620-I006-HES	622	Gas Detector Replacement	65H2-107, 65H2-108, 65H2-109, 65H2-111	RESET-EXE-HES-1B-INC-LST-4001		
19	WP57-14-TP620-I001-HES	622	Gas Detector Replacement	65GA-125, 65GA-126, 65GA-127, 65GA-128	RESET-EXE-HES-1A-INC-LST-4001		
20	WP57-15-TP620-I001-HES	622	Gas Detector Replacement	65H2S-122	RESET-EXE-HES-1A-INC-LST-4001		
21	WP57-18-TP620-I001-HES	622	Gas Detector Replacement	65XA-8154	RESET-EXE-HES-06-INC-LST-4003		
22	WP57-18-TP620-I002-HES	622	Gas Detector Replacement	65XA-8157, 65XA-8160, 65XA-8162	RESET-EXE-HES-06-INC-LST-4003		
23	WP57-18-TP620-I003-HES	622	Gas Detector Replacement	65XA-8155	RESET-EXE-HES-06-INC-LST-4003		
24	WP57-18-TP620-I004-HES	622	Gas Detector Replacement	65XA-8159	RESET-EXE-HES-06-INC-LST-4003		
25	WP57-18-TP620-I005-HES	622	Gas Detector Replacement	65XA-8151, 65XA-8156	RESET-EXE-HES-06-INC-LST-4003		
26	WP57-18-TP620-I006-HES	622	Gas Detector Replacement	65XA-8152, 65XA-8153	RESET-EXE-HES-06-INC-LST-4003		
27	WP57-19-TP620-I001-HES	622	Gas Detector Replacement	65XA-8144	RESET-EXE-HES-06-INC-LST-4003		
28	WP57-19-TP620-I002-HES	622	Gas Detector Replacement	65XA-8136, 65XA-8137	RESET-EXE-HES-06-INC-LST-4003		
29	WP57-19-TP620-I003-HES	622	Gas Detector Replacement	65XA-8115, 65XA-8116, 65XA-8120, 65XA-8121	RESET-EXE-HES-06-INC-LST-4003		
30	WP57-19-TP620-I004-HES	622	Gas Detector Replacement	65XA-8122, 65XA-8123, 65XA-8124, 65XA-8125	RESET-EXE-HES-06-INC-LST-4003		
31	WP57-19-TP620-I005-HES	622	Gas Detector Replacement	65XA-8126, 65XA-8127, 65XA-8128, 65XA-8129	RESET-EXE-HES-06-INC-LST-4003		

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32	WP57-19-TP620-I006-HES	622	Gas Detector Replacement	65XA-8130, 65XA-8131, 65XA-8132, 65XA-8133	RESET-EXE-HES-06-INC-LST-4003		
33	WP57-19-TP620-I007-HES	622	Gas Detector Replacement	65XA-8134, 65XA-8135, 65XA-8138, 65XA-8142, 65XA-8143	RESET-EXE-HES-06-INC-LST-4003		
34	WP57-19-TP620-I008-HES	622	Gas Detector Replacement	65XA-8113, 65XA-8114	RESET-EXE-HES-06-INC-LST-4003		
35	WP57-19-TP620-I009-HES	622	Gas Detector Replacement	65XA-8101, 65XA-8102, 65XA-8103, 65XA-8104	RESET-EXE-HES-06-INC-LST-4003		
36	WP57-19-TP620-I010-HES	622	Gas Detector Replacement	65XA-8105, 65XA-8106, 65XA-8139, 65XA-8140, 65XA-8141	RESET-EXE-HES-06-INC-LST-4003		
37	WP57-19-TP620-I011-HES	622	Gas Detector Replacement	65XA-8111, 65XA-8112	RESET-EXE-HES-06-INC-LST-4003		
38	WP57-51-TP620-I001-HES	622	Gas Detector Replacement	65H2-121	RESET-EXE-HES-5A-INC-LST-4001		
39	WP57-64-TP620-I001-HES	622	Gas Detector Replacement	65H2S-129	RESET-EXE-HES-5A-INC-LST-4001		
40	WP57-64-TP620-I002-HES	622	Gas Detector Replacement	65H2S-128	RESET-EXE-HES-5A-INC-LST-4001		
41	WP57-66-TP620-I001-HES	622	Gas Detector Replacement	65GA-201, 65GA-270, 65GA-274	RESET-EXE-HES-4A-INC-LST-4001		
42	WP57-71-TP620-I001-HES	622	Gas Detector Replacement	65GA-206, 65GA-245, 65GA-246	RESET-EXE-HES-4A-INC-LST-4001		
43	WP57-71-TP620-I002-HES	622	Gas Detector Replacement	65GA-249	RESET-EXE-HES-4A-INC-LST-4001		
44	WP57-71-TP620-I003-HES	622	Gas Detector Replacement	65GA-205, 65GA-207	RESET-EXE-HES-4A-INC-LST-4001		
45	WP57-73-TP620-I001-HES	622	Gas Detector Replacement	65GA-225, 65GA-229, 65GA-230, 65GA-231	RESET-EXE-HES-4A-INC-LST-4001		
46	WP57-73-TP620-I002-HES	622	Gas Detector Replacement	65GA-232, 65GA-233, 65GA-234, 65GA-236	RESET-EXE-HES-4A-INC-LST-4001		
47	WP57-73-TP620-I003-HES	622	Gas Detector Replacement	65GA-226	RESET-EXE-HES-4A-INC-LST-4001		

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48	WP57-75-TP620-I001-HES	622	Gas Detector Replacement	65GA-215, 65GA-216, 65GA-220, 65GA-221, 65GA-223		RESET-EXE-HES-4A-INC-LST-4001	
49	WP57-75-TP620-I002-HES	622	Gas Detector Replacement	65GA-218		RESET-EXE-HES-4A-INC-LST-4001	
50	WP57-75-TP620-I003-HES	622	Gas Detector Replacement	65GA-250		RESET-EXE-HES-4A-INC-LST-4001	
51	WP57-75-TP620-I004-HES	622	Gas Detector Replacement	65GA-228		RESET-EXE-HES-4A-INC-LST-4001	
52	WP57-77-TP620-I001-HES	622	Gas Detector Replacement	65GA-240		RESET-EXE-HES-4A-INC-LST-4001	
53	WP57-77-TP620-I002-HES	622	Gas Detector Replacement	65GA-267		RESET-EXE-HES-4A-INC-LST-4001	
54	WP57-MCB-TP620-I001-HES	622	Gas Detector Replacement	65GA-151B, 65GA-151C		RESET-EXE-HES-93-INC-LST-4003	
55	WP57-MCB-TP620-I002-HES	622	Gas Detector Replacement	65XA-2631, 65XA-2632, 65XA-2633		RESET-EXE-HES-93-INC-LST-4003	
56	WP57-SCR8-TP620-I001-HES	622	Gas Detector Replacement	65XA-8190A, 65XA-8190B, 65XA-8190C		RESET-EXE-HES-06-INC-LST-4003	
57	WP57-SCR8-TP620-I002-HES	622	Gas Detector Replacement	65XA-8193A, 65XA-8193B, 65XA-8193C		RESET-EXE-HES-06-INC-LST-4003	
58	WP57-MCB-TP620-I003-HES	622	FAS/FGS Upgrade	MCB-FGS-001 SYSTEM, MCB-FGS-001 MDF		RESET-EXE-HES-93-INC-DWG-4001 RESET-EXE-HES-93-INC-DWG-4002 RESET-EXE-HES-93-INC-DWG-4003 RESET-EXE-HES-93-INC-LST-4001 RESET-EXE-HES-93-INC-DWG-4007	
59	WP57-OMS-TP620-I001-HES	622	FAS/FGS Upgrade	OMS-FGS-001 SYSTEM, OMS-FGS-001 MDF		RESET-EXE-HES-95-INC-DWG-4001 RESET-EXE-HES-95-INC-DWG-4002 RESET-EXE-HES-95-INC-DWG-4003 RESET-EXE-HES-95-INC-LST-4001 RESET-EXE-HES-95-INC-DWG-4007	

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60	WP57-SS1-TP620-I001-HES	622	FAS/FGS Upgrade	SS1-FGS-001 SYSTEM, SS1-FGS-001 MDF	RESET-EXE-HES-97-INC-DWG-4001 RESET-EXE-HES-97-INC-DWG-4003 RESET-EXE-HES-97-INC-DWG-4005 RESET-EXE-HES-97-INC-LST-4001 RESET-EXE-HES-97-INC-DWG-4010	
61	WP57-SS7-TP620-I001-HES	622	FAS/FGS Upgrade	SS7-FGS-001 SYSTEM, SS7-FGS-001 MDF	RESET-EXE-HES-97-INC-DWG-4002 RESET-EXE-HES-97-INC-DWG-4004 RESET-EXE-HES-97-INC-DWG-4006 RESET-EXE-HES-97-INC-LST-4002 RESET-EXE-HES-97-INC-DWG-4011	
62	WP57-SCR8-TP620-I003-HES	622	FAS/FGS Upgrade	8-FGS-001 SYSTEM, 8-FGS-002 SYSTEM, 8-MDF-001, 8-MDF-002, 8-MDF-003	RESET-EXE-HES-06-INC-DWG-4001 RESET-EXE-HES-06-INC-DWG-4002 RESET-EXE-HES-06-INC-DWG-4003 RESET-EXE-HES-06-INC-LST-4001 RESET-EXE-HES-06-INC-DWG-4007	

	PREPARED BY CONTRACTOR	REVIEWED & ACKNOWLEDGED BY PCD-MRCSB
Designation	QAQC Lead/Turnover	QAQC Lead/Turnover
Signature		
Name		
Date		