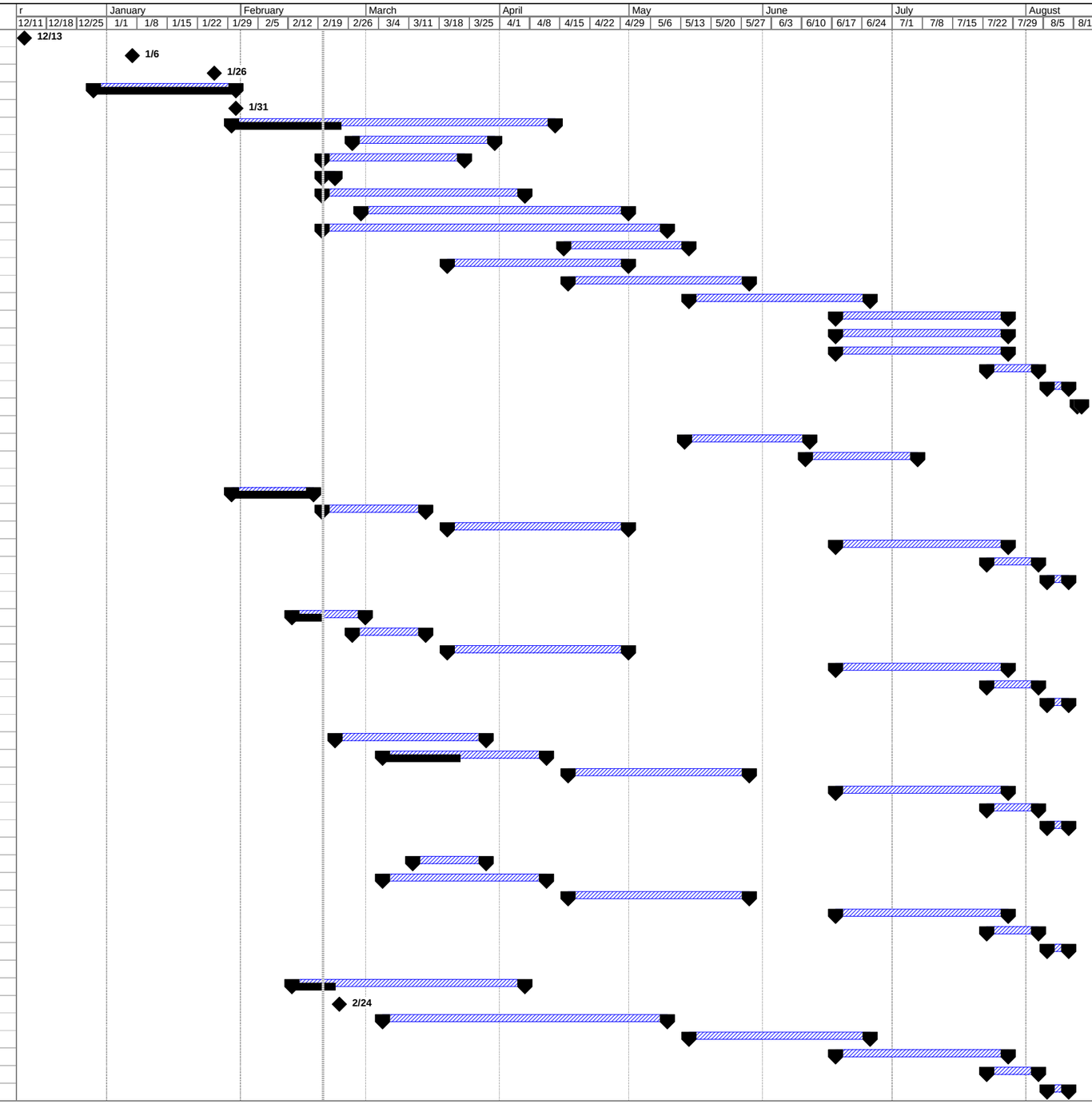
Volvo Ageo
New Engine Paint Facility
Project Plan

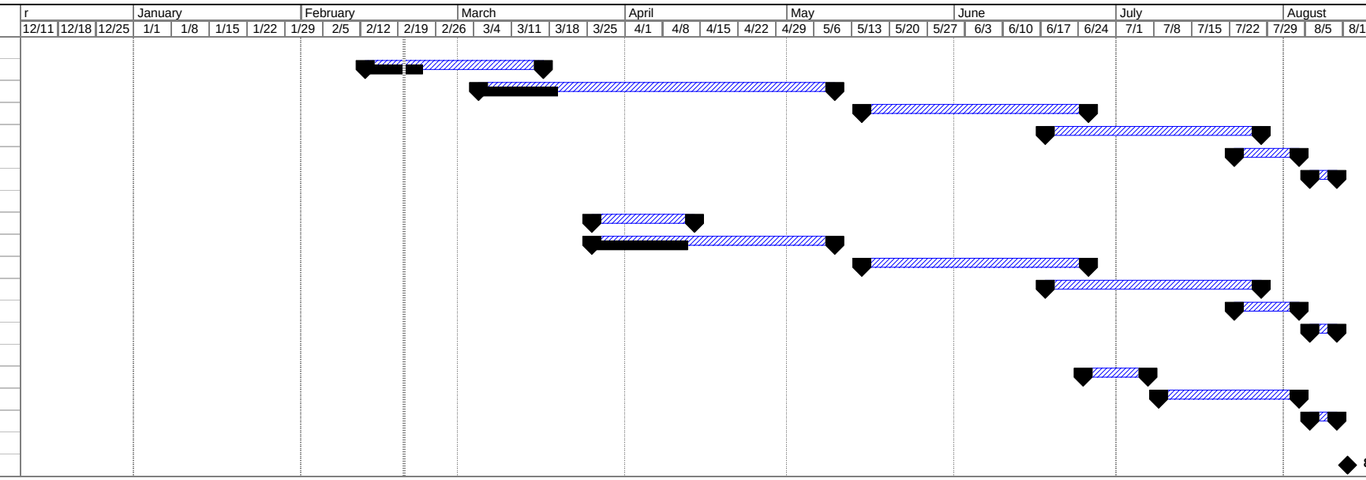
ID	Task Name	Duration	Start	Finish	Predecessors
1	Issuance of Purchase Order	0 days	Tue 12/13/11	Tue 12/13/11	
2	Anticipated Receipt of Advanced Payment	0 days	Fri 1/6/12	Fri 1/6/12	
3	Actual Receipt of Advance Payment	0 days	Thu 1/26/12	Thu 1/26/12	
4	Detailed Layout and Process Engineering	23 days	Thu 12/29/11	Mon 1/30/12	
5	Process Layout Frozen	0 days	Tue 1/31/12	Tue 1/31/12	
6	Process Equipment Engineering / Detailed Design	55 days	Mon 1/30/12	Fri 4/13/12	
7	Conveyor Controls Design	25 days	Mon 2/27/12	Fri 3/30/12	
8	Process Controls Design	25 days	Mon 2/20/12	Fri 3/23/12	
9	Process Equipment, Conveyor and Controls Design Review	3 days	Mon 2/20/12	Wed 2/22/12	
10	Purchased Equipment Procurement	35 days	Mon 2/20/12	Fri 4/6/12	
11	Control Cabinet Fabrication (Conveyor / Process)	44 days	Wed 2/29/12	Mon 4/30/12	
12	Process Equipment Procurement & Fabrication	58 days	Mon 2/20/12	Wed 5/9/12	
13	First Article Inspections and Conveyor Run-Off in India	21 days	Mon 4/16/12	Mon 5/14/12	
14	1st Shipment of Equipment(Platforms and Ovens)	30 days	Tue 3/20/12	Mon 4/30/12	
15	2nd Shipment(Spray Booth,ASH,Flash Tunnel,Ductwork&Misc P.E.)	30 days	Tue 4/17/12	Mon 5/28/12	
16	3rd Shipment(Nordson, Conveyor, Mix Room,Paint Delivery, Applicators)	30 days	Tue 5/15/12	Mon 6/25/12	
17	Spray Booth, Flash Tunnel, Oven, Air Supply House Installation	30 days	Mon 6/18/12	Fri 7/27/12	
18	Process Control Panel,Paint Delivery,Mix Room and Misc P.E. Installation	30 days	Mon 6/18/12	Fri 7/27/12	
19	Conveyor, Nordson, Robot Installation	30 days	Mon 6/18/12	Fri 7/27/12	
20	Start-Up / Debug / Training	10 days	Mon 7/23/12	Fri 8/3/12	
21	Start of Pre-Production Trials / Taking Over Test	5 days	Mon 8/6/12	Fri 8/10/12	
22	Production Launch	1 day	Mon 8/13/12	Mon 8/13/12	
23					
24	Saw Cut Concrete and Excavate Pits for Lift Tables	21 days	Mon 5/14/12	Mon 6/11/12	
25	Supply New Utility Services to New Process Equipment	20 days	Mon 6/11/12	Fri 7/6/12	
26					
27	Mask and Demask Deck Engineering & Design	15 days	Mon 1/30/12	Fri 2/17/12	
28	Mask and Demask Deck Procurement & Fabrication	18 days	Mon 2/20/12	Wed 3/14/12	
29	Shipment from India	30 days	Tue 3/20/12	Mon 4/30/12	
30	Mask and Demask Decks Installation	30 days	Mon 6/18/12	Fri 7/27/12	
31	Mask and Demask Deck Start-Up / Debug / Training	10 days	Mon 7/23/12	Fri 8/3/12	
32	Mask and Demask Deck Pre-Production Trials	5 days	Mon 8/6/12	Fri 8/10/12	
33					
34	Topcoat Cure Ovens Engineering & Design	13 days	Mon 2/13/12	Wed 2/29/12	
35	Topcoat Cure Ovens Procurement & Fabrication	13 days	Mon 2/27/12	Wed 3/14/12	
36	Shipment from India	30 days	Tue 3/20/12	Mon 4/30/12	
37	Topcoat Cure Ovens Installation	30 days	Mon 6/18/12	Fri 7/27/12	
38	Topcoat Cure Ovens Start-Up / Debug / Training	10 days	Mon 7/23/12	Fri 8/3/12	
39	Topcoat Cure Ovens Pre-Production Trials	5 days	Mon 8/6/12	Fri 8/10/12	
40					
41	Spraybooths/ASH Engineering & Design	25 days	Thu 2/23/12	Wed 3/28/12	
42	Spraybooths/ASH Procurement & Fabrication	28 days	Mon 3/5/12	Wed 4/11/12	
43	Shipment from India	30 days	Tue 4/17/12	Mon 5/28/12	
44	Spraybooths/ASH Installation	30 days	Mon 6/18/12	Fri 7/27/12	
45	Spraybooths/ASH Start-Up / Debug / Training	10 days	Mon 7/23/12	Fri 8/3/12	
46	Spraybooths/ASH Pre-Production Trials	5 days	Mon 8/6/12	Fri 8/10/12	
47					
48	Flash Tunnels Engineering and Design	13 days	Mon 3/12/12	Wed 3/28/12	
49	Flash Tunnels Procurement & Fabrication	28 days	Mon 3/5/12	Wed 4/11/12	
50	Shipment from India	30 days	Tue 4/17/12	Mon 5/28/12	
51	Flash Tunnels Installation	30 days	Mon 6/18/12	Fri 7/27/12	
52	Flash Tunnels Start-Up / Debug / Training	10 days	Mon 7/23/12	Fri 8/3/12	
53	Flash Tunnels Pre-Production Trials	5 days	Mon 8/6/12	Fri 8/10/12	
54					
55	Conveyor Engineering & Design	40 days	Mon 2/13/12	Fri 4/6/12	
56	Layout Design and Approval	0 days	Fri 2/24/12	Fri 2/24/12	
57	Conveyor Procurement and Fabrication	48 days	Mon 3/5/12	Wed 5/9/12	
58	Shipment from India	30 days	Tue 5/15/12	Mon 6/25/12	
59	Conveyor Installation	30 days	Mon 6/18/12	Fri 7/27/12	
60	Conveyor Start-Up / Debug / Training	10 days	Mon 7/23/12	Fri 8/3/12	
61	Conveyor Pre-Production Trials	5 days	Mon 8/6/12	Fri 8/10/12	



Task | Progress | Summary | External Tasks | Deadline
Split | Milestone | Project Summary | External Milestone

Volvo Ageo
New Engine Paint Facility
Project Plan

ID	Task Name	Duration	Start	Finish	Predecessors
62					
63	Cyclones / Filter Bank Engineering & Design	25 days	Mon 2/13/12	Fri 3/16/12	
64	Cyclones / Filter Bank Procurement & Fabrication	48 days	Mon 3/5/12	Wed 5/9/12	
65	Shipment from India	30 days	Tue 5/15/12	Mon 6/25/12	
66	Cyclones / Filter Bank Installation	30 days	Mon 6/18/12	Fri 7/27/12	
67	Cyclones and Filter Bank Start-Up / Debug / Training	10 days	Mon 7/23/12	Fri 8/3/12	
68	Cyclones and Filter Bank Pre-Production Trials	5 days	Mon 8/6/12	Fri 8/10/12	
69					
70	Paint Mix & Circ / Mix Room Engineering & Design	15 days	Mon 3/26/12	Fri 4/13/12	
71	Paint Mix & Circ / Mix Room Procurement & Fabrication	33 days	Mon 3/26/12	Wed 5/9/12	
72	Shipment from India	30 days	Tue 5/15/12	Mon 6/25/12	
73	Paint Mix & Circ / Mix Room Installation	30 days	Mon 6/18/12	Fri 7/27/12	
74	Paint Mix & Circ / Mix Room Start-Up / Debug / Training	10 days	Mon 7/23/12	Fri 8/3/12	
75	Paint Mix & Circ / Mix Room Pre-Production Trials	5 days	Mon 8/6/12	Fri 8/10/12	
76					
77	Robot,Applicator,Color Changer, Control Panel Installation	10 days	Mon 6/25/12	Fri 7/6/12	
78	Robot,Applicator,Color Changer, Control Panel Start-Up / Debug / Training	20 days	Mon 7/9/12	Fri 8/3/12	
79	Robot,Applicator,Color Changer, Control Panel Pre-Production Trials	5 days	Mon 8/6/12	Fri 8/10/12	
80					
81	Paint System Production Launch	0 days	Mon 8/13/12	Mon 8/13/12	



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