

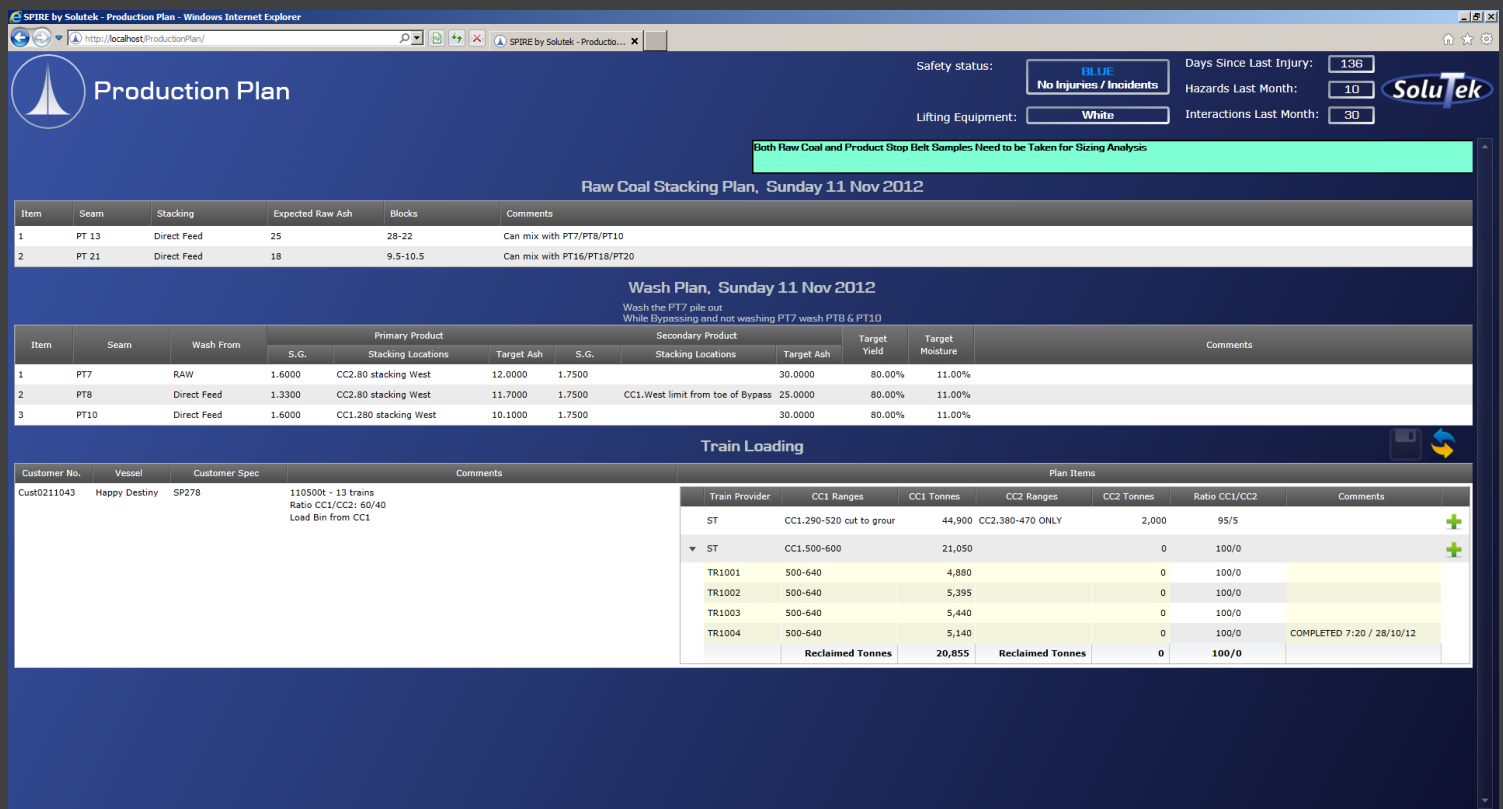
Production Scheduling

The SPIRE Production Scheduling module provides planning, scheduling and actual data for Raw Coal Stacking, Washing and Railing to improve operational efficiency for technicians and planners.

The SPIRE Production Scheduling module allows the production planner to effectively communicate production plans to plant operators ensuring clear communication and reducing costly mistakes.

The Production Scheduling Interface provides the following functionality:

- Centralised view of Raw Coal Stacking, Washing and Railing plans
- Record and review actual data for train loading information
- Plan reclaim and stacking locations with quality targets
- Complete version control and audit history of scheduling information



Production Plan

Safety status: **BLUE** No Injuries / Incidents Days Since Last Injury: 136 Hazards Last Month: 10 Interactions Last Month: 30

Lifting Equipment: **White**

Both Raw Coal and Product Stop Belt Samples Need to be Taken for Sizing Analysis

Raw Coal Stacking Plan, Sunday 11 Nov 2012

Item	Seam	Stacking	Expected Raw Ash	Blocks	Comments
1	PT 13	Direct Feed	25	28-22	Can mix with PT7/PT8/PT10
2	PT 21	Direct Feed	18	9.5-10.5	Can mix with PT16/PT18/PT20

Wash Plan, Sunday 11 Nov 2012

Wash the PT7 pile out.
While Bypassing and not washing PT7 wash PT8 & PT10

Item	Seam	Wash From	Primary Product			Secondary Product			Target Yield	Target Moisture	Comments
			S.G.	Stacking Locations	Target Ash	S.G.	Stacking Locations	Target Ash			
1	PT7	RAW	1.6000	CC2.80 stacking West	12.0000	1.7500		30.0000	80.00%	11.00%	
2	PT8	Direct Feed	1.3300	CC2.80 stacking West	11.7000	1.7500	CC1.West limit from toe of Bypass	25.0000	80.00%	11.00%	
3	PT10	Direct Feed	1.6000	CC1.280 stacking West	10.1000	1.7500		30.0000	80.00%	11.00%	

Train Loading

Customer No.	Vessel	Customer Spec	Comments	Plan Items						
				Train Provider	CC1 Ranges	CC1 Tonnes	CC2 Ranges	CC2 Tonnes	Ratio CC1/CC2	Comments
Cust0211043	Happy Destiny	SP278	110500t - 13 trains Ratio CC1/CC2: 60/40 Load Bin from CC1	ST	CC1.290-520 cut to grou	44,900	CC2.380-470 ONLY	2,000	95/5	
				ST	CC1.500-600	21,050		0	100/0	
				TR1001	500-640	4,880		0	100/0	
				TR1002	500-640	5,395		0	100/0	
				TR1003	500-640	5,440		0	100/0	
				TR1004	500-640	5,140		0	100/0	COMPLETED 7:20 / 28/10/12
				Reclaimed Tonnes		20,855	Reclaimed Tonnes	0	100/0	



SPIRE

Solutek Productivity Intelligence Reporting

ADDRESS: PO BOX 97,
MAYFIELD
NSW 2304

PHONE: 0419 161 909

FAX: 0249 135 463

EMAIL: ENQUIRIES@SPIRE.COM.AU

WEB: WWW.SPIRE.COM.AU

