

STRUCTMAN is the software solution for managing STRUCTURAL activities on construction site. All activities related to fabrication of structural assemblies like FITUP, Welding, NDT, Painting, Structure History, Transportation, Storage in Lay down till Dispatch for erection site is managed efficiently through various inbuilt modules like ENGINEERING MATERIAL CONTROL & PLANNING, PRODUCTION, WELDING, NDT, PAINTING, LAYDOWN & DISPATCH. After Dispatch, the progress of Erection, Site checking, Site bolting and welding, Painting and other in SITU activities are also monitored through similar modules.

The Input consists of Structural Assembly wise Bill of materials with part item code, part number, number of pieces, quantity, Material specification, and other details known as: Engineering BOM". In a structural assembly the applicable Welding Joint numbers and the Connecting Parts (1 and 2) item code are decided interactively by the user by referring the drawings.

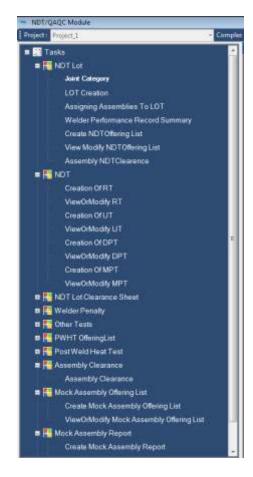
# **STRUCTMAN**

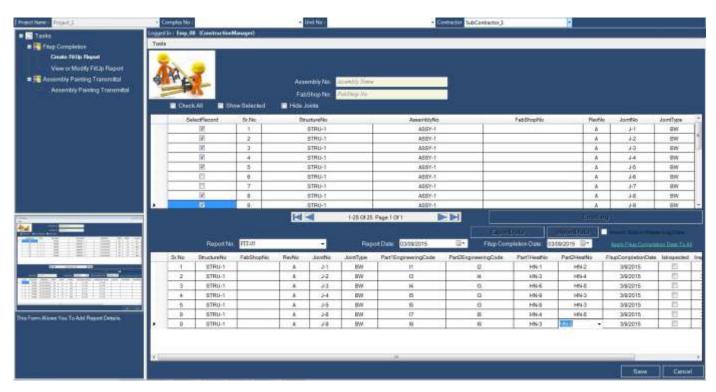
Structural Assemblies are approved at engineering release level & released for fabrication after checking the joints, BOM,NDT & SR requirement, Painting etc.

Assembly drawings are released for fabrication through Documented Transmittal with Assembly wise tonnage & scheduled completion date for fabrication.

## **OUTPUT REPORTS:-**

- Fitup report
- Welding report
- NDT report (RT,UT,DPT,MPT)
- Structure history sheet
- Painting
- Laydown report
- Dispatch report
- Progress review report
- Welder performance report







#### REPORT

FitupReport

Report No : FitUp-001
Report Date : 2/9/2015

PIPAPISLX52100

Fitup Completi Date Part1Engineering Code Part1Heat No Part2Heat No Assembly No Fab Shop No Rev No Joint Type Part2Engineering Code CA-LITORAL-A-CORE-1830-D-20000-1-01 00-Comp\_1-DEC-001 20102-1 30104-1 Done BW 2/9/2015 27 12 BW 30104-1 PIPAPISLX52100 2/9/2015 Done 1-3 BW PIPAPISLX52100 20302-1 2/9/2015 Done 14 BW 20302-1 SHOCKCELL3018 2/9/2015 Done 3-7 SHOCKCELL3018 PIPAPISLX52100 BW 2/9/2015 Done PIPAPISLX52100 38 BW 20201-1 2/9/2015 Done JQ BW PIPAPISLX52100 30101-1 2/9/2015 Done 2/9/2015 Done 30101-1 PIPAPI5LX52100 2/9/2015 Done J-11 BW Done PIPAPI5LX52100 20102-1 J-12 BW 2/9/2015 PIPAPISLX52100 J-13 BW 20302-1 2/9/2015 Done J-15 BW 20302-1 SHOCKCELLS018 2/9/2015 Done J-17 BW SHOCKCELL3018 PIPAPISLX52100 2/9/2015 Done PIPAPISLX52100 30302-1 2/9/2015 Done J-18 BW PIPAPI5LX52100 30104-1 2/9/2015 3-20 BW Done CA-L/TORAL-A-CORE-1830-D-20000-1-02 00-Comp\_1-DEC-002 20102-1 30104-1 2/9/2015 Done 30104-1 PIPAPISLX52100 Done PIPAPI5LX52100 20302-1 2/9/2015 Done J-3 BW 20302-1 SHOCKCELL3018 2/9/2015 34 Done BW

	Contractor QC	Companys QMD
Signature :		
Name :		
Date :		

BW

SHOCKCELL3018

57

				des.														KEPONT										erm	ctune in	MORY SHE	SET WEPS	MT.				
man	20	100	Secretary for	Patrogén		orine			(see	ren	Or Street	to the	- 2	u mu	Support State	Page 1	and the same	W/V Report	-	Side Contraction	Page of the	Date .	÷	Total Control	ant Steens	ier.	DPT Passed Table	197	-	Of Report	***	of Sec.	NT and Observe	OT Steamer	of Report	(Base
COME STATE	1	MET.	200 - 100 C	THE R.	P	क्लका	(Mills)	1700	-		-		***			-		-	-	neer			(ATT)	DNS	Actor											
		1981	2866161	-	+4	HERED.	1841	6794	90	991	-	968.0	-		madre	-	winder	Here's	201001	Name of			MATE:	N/MO	Acquire											
				1 3	340	199-80	1841	500	80	test .	-			-SP 39	mont.	SHIPS Y	WHE	14/04/21	SHOW IT IS	Name of				USA:												1
					20	1994	1641	States	80	881	-		-	-0 10	mair	DEEP4	me.	120000	umes	500004				1093							$\overline{}$					т
				1 3	20	wear	1004	100	-	201	200	162 ti	***			-	wire	110000	1199111	Name of			18100		61000						_					+
				5	19	145.00	(84)	1000	941	981	-	last ti	-		min's	-	wee	100000	diment to	tomare.			iana.	1090	Water											$^{+}$
				1 3	20	Market.	Diel	104	200	981	less .	No.		-0 10	mate i	DOMEN	100	02/01/02/01	SERVICE N	E0021			ener	1000	Second						_					+
					24	19960	241	1000	80	sti	Des .			-0 10		DOMEN	WHE	GRIDI	Dimetric	10001											_					+
				1 8	-18	19980	1981	THE	94	981				-		-	widt.	12.791	100000	NWS-1		-	Witer	sols	Accepted		-				_					t
				1 3	100	185.00	1001	1760	-	881	990	No. ii	-	-40-	mint	smen	www	amen	sames	nemes.			Latino	100	Acceptor						_					+
				1 8	28	MAR.	260	1794	800	net .	trice	NA C	-	- RD (101	terative	DOM:	MHD:	20121	DOM:N	DATE			Time and	129420							_					+
						PERMIT	1941	1965	-	601	-			100		COLDIN	WHEN	GROV	men	pper-				solar							_					+
					- 2	MAGE:	166	1000	-	881								20/00/2019	1340mm	NIMI SHE			187.00	1060	-						_					+
					- 18	49.61	10181	2740		881	-	No. of	-		-	-	www	Marine	sometical in	Name of					-											
					14	see.	1040	atmo.	-	881	-	No C	*** 70	-0 10	man+	DOM: N	810	000000	meas	500001																+
			EALTERS A	Nichal)	41	PF-92	381	150	-	981	-			- 10		20024	WHEN	02/20/2014	same s	100011			MACHINE .	292	Science of the last		_				-					+
			MM4-41		24	WHE.	36	200	-		-		-		mark I	below to		Maria	SHOW IN	amire.			Lambar.	1093	Allente						_					t
				1 3	817	18500	#11	1766	-	981	-	in a co	-			-	along the same	-	-	-			and the	100	-				_		_					+
				1 8	2-9	March 1	10.04	2760	90	981	Per	- Page	-	-E D	021	NUMBER	WHEN	02/09/2014	nimit's	pege			1000	Service.							_					+
				5	2-5	1491-92	281	Name .	94	981		No. C	- 3	-0 0	econi.	DESCRIPTION	WHO:	2000	www.	paces.			ime	1000	Ainte						_					+
				1 8	19	West	946	156	50	201	-		-	- No.	marre	Dimm's	www	42/8/2019	GINDES	DHOIS.			MTM	tola	-						_					+
					20	18990	4894	make	400	mit .	-	940	-	-60 144	manual and	SHAWN'S	distant	Cartectors	datedore	SHOW SHOW			14140	1000							_					
				1 8	49	oraco.	U-04	1000	80	401	-	See to	-	100	020	MINERY	WHEN-	COMP.	mmer o	DESCRIPTION OF THE PERSON OF T					AUNIM				_		_					+
					-14	100-02	1841	200	-	941	200	942.0	-	HE 10	0000	2007	WHEE	SERVICE N	STREET'S	1000000			ienes	1500k(20)	winter						_					+
				1 3	10	WHE	19-67	2796	-	201	-	ine C	-	- 10	-	NO.	wine:	ALCOHOL:	SHOWING IN	Name at a			Married .	100	-						_					+
					- 64	19966	(84)	17mm	40	981	-	_	_	-	-		-	-	ment of	-			1	turk to												+
				- 6	99	we	10.00	alless	-	101	-	_							SHEET ST				iene	-	Scotter.						_					+
				1 2	- 22	we	1949	1766	-	-	=	-	-	-	ALC: U	toward.	-	-	umits	-			1		Admini											+
				1 3	- 18	WEST	40	1766	-	-	-	-	_	_	-				uman.				-	100	-						-					+

12		
400000	dumater (cc	Company IME
- Harving -		
Tourist .		
2001		

2/9/2015

Done

## CIVILMAN

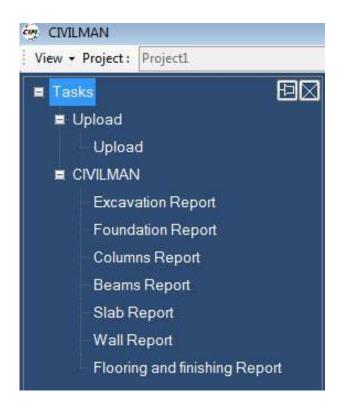
CIVILMAN is the solution for managing civil construction activities on the site. All activities related to Construction of civil structures like Earthwork, Piling, Concreting, masonry and plastering, Flooring, Waterproofing, Doors/windows, Painting & other Misc works are managed through this solution.

Main Civil structures are logically divided into structural items like Foundations, Pedestal, Columns, Beams, Slabs, Walls, Floor & Ceiling etc. with reference number, Grid location, Elevation positions etc.

Status of Civil construction activities are recorded as per daily progress in Construction site in the system. Stage wise progress of individual civil structural items (foundation, columns etc.) are recorded & monitored for opening the front/scope of next level of activity.

## INPUTS:-

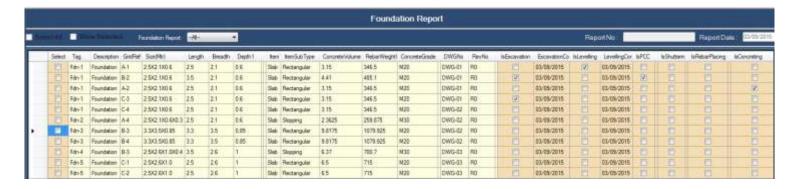
- List of construction activities (excavation in soft soil, excavation in hard soil by chisel, excavation by blasting, RCC M20, RCC M30, PCC etc.)
- Activity reference number with Overall project scope
- Main Civil Structure wise Quantity breakup scope from Engineering. Activity wise Quantum of work for individual civil structural items(Foundation, beam, column etc.) with activity reference number & structural reference number from Engineering
- Engineering MTO for individual civil structural items

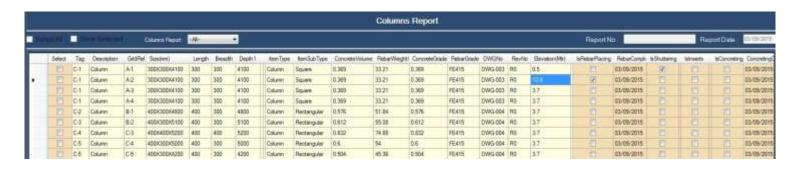


ACTIVITY CODE	DESCRIPTION	UNIT of quantity	STRU-1	STRU-2	STRU-3	STRU-4	STRU-5	STRU-6	STRU-7	STRU-8	STRU-9	STRU-10	Total of Qty
PART A	- EARTHWORK												
A1	Excavation in all kinds of soil other than rock including shoring, deventuring, levening down ground water 1.0 m below fromtation carring away surplus excavated earth to areas of disposal anywhere outside factory premises, etc.												
Alla	Excavated depth 0 m to 2.0 m, carting lead 400 m	CUM	400	200	150	175	183	260	165	142	230	55	
A 1.1b	Excavated depth 0 m to 2.0 m, carting lead 1000 m	CUM	250	120	130	150	144	185	126	214	250	41	
A1.2a	Excavated depth 2.0 m to 4.0 m, carring lead 400 m.	CUM	360	452	582	12	125	412	360	562	452	332	
A1.2b	Excavated depth 2.0 m to 4.0 m, carting lead 1000 m.	CUM	30	52	63	95	48	20				4,000	
Al lu	Excavated depth 4.0 m to 6.0 m, carriag lead 400 m	CUM				120	- 56	25	145	36			
PART E	- CONCRETING										9		
BI	Providing, mixing, tamping, placing, consolidating and curing Plain Cement Concrete using ordinary portland coment confirming to IS 456 with maximum W/C ratio 0.45 with necessary slopes as specified for foundations, grade Salts, ramps, alls, copings, t												
B1.1	MS	CUM	38	42	34	26	28	27	19	49	47	38	
B1.2	M10	CUM	29	.45	25	26	242	38	37	82	92	76	
B1.3	M15	CUM	15	12	14	12	15	13	14	15	16	24	
B1.4	Phon Concrete of M10	CUM	9	- 8	12	14	8	7	16	14	23	-	
B1.5	Plan Concrete of M15	CUM	.29	45	25	26	242	38	37	82	92	76	
B2	Providing mixing, placing, vibrating, caring and coughering the surfaces wherever required, Reinforced Coment Concrete using Ordinary Portland coment confirming to 18.456 with minimum coment content 330 kg/m3 and maximum W/C ratio 0.45 of grade M20/M25/M												
B2.1	M15 grade in substructure	CUM	36	42	34	26	28	27	39	48	47	38	
B2.2	M15 grade in superstructure	CUM	29	45	25	26	242	38	37	82	92	78	
B2.3	M20 grade in substructure	CUM	15	12	14	12	15	13	34	15	16	24	
B2.4	M20 grade in superstructure	CUM	9	8	12	14	. 8	2	16	14	23		
B2.5	M25 grade for substructure.	CUM	29	45	25	36	242	38	37	82	92	.76	

## OUTPUTS:-

- Monitoring the status of activity completion for civil structural items
- Creation of reports for activity completion of civil structural items
- Generation of List of activities completed for Main Civil structure
- Generation of List of activity pending for completing Main Civil structure
- Reports of activity Schedule data & actual completion date
- Reports of estimated quantum & actual quantum of work as per data of construction completion







© 2015 by Eureka D-Soft Private Limited. All rights reserved.

All brand names, product names or trademarks belong to their respective holder.

Marketed by:



Infusing Efficiency. Through Innovation.

E: info@parascadd.com | www.parascadd.com