

Progression of Fabrication

SubAssembly	Part	Description	Quantity	Responsible	Build Source	Material	Status Build	Key	
1-00		Filter SubAssembly	1	Tommy	Outsource weld	Various	Done		Urgent Items
	01-01	1.5in Nipple Connection	1	Tommy	McMaster Carr	SS PreFab Order	Done		Needs attention
	01-02	3in Nipple Connection	1	Tommy	McMaster Carr	SS PreFab Order	Done		Item Complete
	01-03	Lid to filter	1	Tommy	In House	SS round disc	Done		
	01-04	Rough Filter	1	Tommy	Utah Biodeisel	Ready for integration once recieved	Done		
	01-05	Fine Filter	1	Tommy	Utah Biodeisel	Ready for integration once recieved	Done		
	01-07	Filter Inlet	1	Tommy	McMaster Carr	1in npt female coupling	Done		
	01-08	Flange-Lid Connection	1	Tommy	Outsourced Cutting and Welding	Trying to make it out of 1/4in Sheet	Done		
	01-10	Filter Handle	1	Tommy	In House Cutting	Trying to make it out of 1/4in Sheet	Done		
	1-11	Swagelok Connector	1	Tommy	McMaster Carr	1/4in NPT Female connection	Done		
2-00		Base and legs	1	Jerry	In house	Sheet and Bar Stock	Done		
	02-01	Base Plate	1	Jerry	In house	Basic Sheet form	Done		
	02-02	System Legs	4	Jerry	In house	Basic Bar Stock form	Done		
3-00		Back Pump Mount	1	Drew	Weld: Facilities	Sheet and Round Stock	Done		
	03-01	Deck-Plate Connection,Back side	1	Drew	Outsourced Cutting	1/4in Sheet Form	Done		
	03-02	Long Side-Support	1	Drew	In house	1/4in Sheet Form	Done		
	03-03	Short Side-Support	1	Drew	In house	1/4in Sheet Form	Done		
	03-04	Back Side-Support	1	Drew	In house	1/4in Sheet Form	Done		
	03-05	Pump-Plate Connection	1	Drew	Outsourced Cutting	1/4in Sheet Form	Done		
	03-07	EMM Support for pump mount	1	Drew	In house	1/4in Sheet Form	Done		
	03-08	EMM Connection	1	Drew	In House Cutting	7/8in Round Stock	Done		
4-00		Front Pump Mount	1	Drew	Weld: Facilities	Sheet and Round Stock	Done		
	04-01	Deck-Plate Connection,Filter side	1	Drew	Outsourced Cutting	1/4in Sheet Form	Done		
	03-02	Long Side-Support	1	Drew	In house	1/4in Sheet Form	Done		
	03-03	Short Side-Support	1	Drew	In house	1/4in Sheet Form	Done		
	03-04	Back Side-Support	1	Drew	In house	1/4in Sheet Form	Done		
	03-05	Pump-Plate Connection	1	Drew	Outsourced Cutting	1/4in Sheet Form	Done		
	03-07	EMM Support for pump mount	1	Drew	In House fab	1/4in Sheet Form	Done		
	03-08	EMM Connection	1	Drew	In House fab	7/8in Round Stock	Done		
5-00		Total System Shell	1	Troy	In house welds	various	Done		
	02-03	Top Deck Plate	1	Jerry	Outsourced Cutting	3/8in Sheet form	Done		
	02-04	Tank	1	Jerry	Outsourced Cutting and Bending	Basic Sheet form	Done		
	05-01	Surface deck plate for discharge	1	Troy	In House Cutting/drilling	3/8 in Sheet Form	Done		
	05-02	Triangular Support For the handle	2	Troy	In house fab	1/4in Sheet Form	Done		
	05-03	EMM Handle Connection	1	Troy	In House Cutting	7/8in Round Stock	Done		
	01-06	Filter Housing	1	Tommy	In house saw	PreFab Pipe	Done		
	01-09	Flange-Housing Connection	1	Tommy	Outsourced Cutting and Welding	1/4in SS	Done		
6-00		Tubing and hardware	1	Troy			Done		
	06-01	Tubing	1	Troy	Outsourced bending	1/4" ss tubing	Obtained		
	06-02	1/4-20 Bolts	12	Jerry	Purchase from store	Stainless bolts	Done		
	06-03	3/8-16	4	Jerry	Purchase from store	Stainless bolts	Done		