Business Scope of Our Typical Plants

S/N	PRODUCT NAME	SCALE OF AN INDIVIDUAL SET	PROCESS ROUTE
1	FA PRODUCTION PLANT	10-250k TPA	Iron molybdenum method+silver method
2	PFA PRODUCTION PLANT	10-40k TPA	Spray granulation+traditional drying
3	DMM PRODUCTION PLANT	10-500k TPA	Solid acid catalytic reaction distillation process
4	XHM PRODUCTION PLANT	10-30k TPA	Gas phase method+liquid phase method
5	PER PRODUCTION PLANT	10-30k TPA	Sodium process
6	ALD PRODUCTION PLANT	10-30k TPA	Silver process
7	TMP PRODUCTION PLANT	10-20k TPA	Calcium method+sodium method
8	POM PRODUCTION PLANT	10-50k TPA	None
9	PODEn PRODUCTION PLANT	10-500k TPA	Formaldehyde to methanol route

Typical Performance Parameters — — FA Plant (With Silver Process Route)

	S/N	ITEM	UNIT	Our standard	Good standard	General standard
QUALITY INDEX	1	Formaldehyde concentration	%wt	37～65	37～55	37～52
	2	Methanol content	%wt	≤0.20	≤1.0	≤1.0
	3	Formic acid content	ppm	10～50(can be adjusted)	≤100	≤100
CONSUMPTION INDEX	1	Methanol	Kg/t	435	440～442	≤445
	2	Electricity	KW.H/t	25～28	25～28	27～28
	3	By-product steam	Kg /t	-800 at 10kg pressure	-600	-450
		Warranty period	Year	10	3	1

Typical Performance Parameters — — POM Plant (With Drying and Spraying Method)

	S/N	ITEM	UNIT	INDEX
QUALITY INDEX	1	FORMALDEHYDE CONCENTRATION	%	92
	2	POLYMERIZATION DEGREE	/	11
	3	DISSOLUTION TIME	hr	1
CONSUMPTION INDEX	1	FORMALDEHYDE	Kg/t	2540
	2	ELECTRICITY	KW.H/t	220
	3	STEAM	t/t	2
WASTE WATER INDEX	1	FORMALDEHYDE	ppm	0
	2	COD	ppm	30

Typical Performance Parameters—— Urotropin Production Plant

	S/N	ITEM	UNIT	Liquid phase	Gas phase
QUALITY INDEX	1	Urotropin	%	99.00	99.30
CONSUMPTION INDEX	1	Formaldehyde	Kg/t	3550	3500
	2	Ammonia	Kg/t	530	520
	3	Electricity	KW.H/t	200	150

FA Plant

Capacity: 120k TPA

FA PLANT
Capacity: 60k TPA

POM Plant
Capacity: 20k TPA

FA and Urotroping
Plant
Capacity: 5k TPA