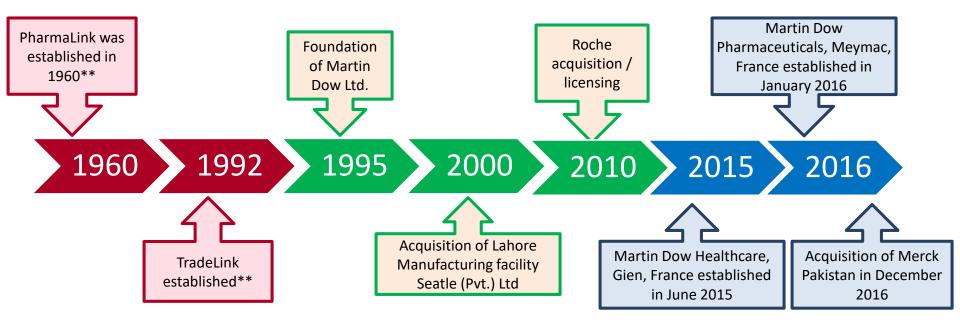


Martin Dow Pharmaceuticals Meymac

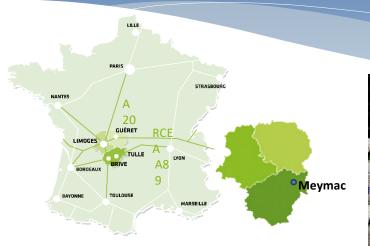




Martin Dow Group Corporate History snapshot



Martin Dow Pharmaceuticals Meymac Plant







- Former Bristol-Myers Squibb plant
- Dedicated to oral solid dosage forms
- 13,000 m² on grounds of 9.6 ha
- Experienced Personnel
- Strong focus on being the adequate partner in niche projects

Site Overview



1	Production and QC Labs
2	Shipping area
3	Admin building
4	Maintenance
5	Receiving area
6	High height warehouse
7	Technical premises
8	Solvents
9	Guard house

As Contract Development & Manufacturing Organization, we focus on <u>Dry Oral Solid</u> dose forms (capsules, tablets & sachets).

Our capabilities and expertise enable us to offer dedicated services such as:

- Import, retest & release for EU imported drugs
- of oral solids (capsules, tablets & sachets)
- Development, Scale-Up and Manufacturing of semi-finished & finished products with primary and secondary packaging
- Analytical services (methods dev., transfer & validation; routine release and stab. testing)
- Microbio tests
- Warehousing

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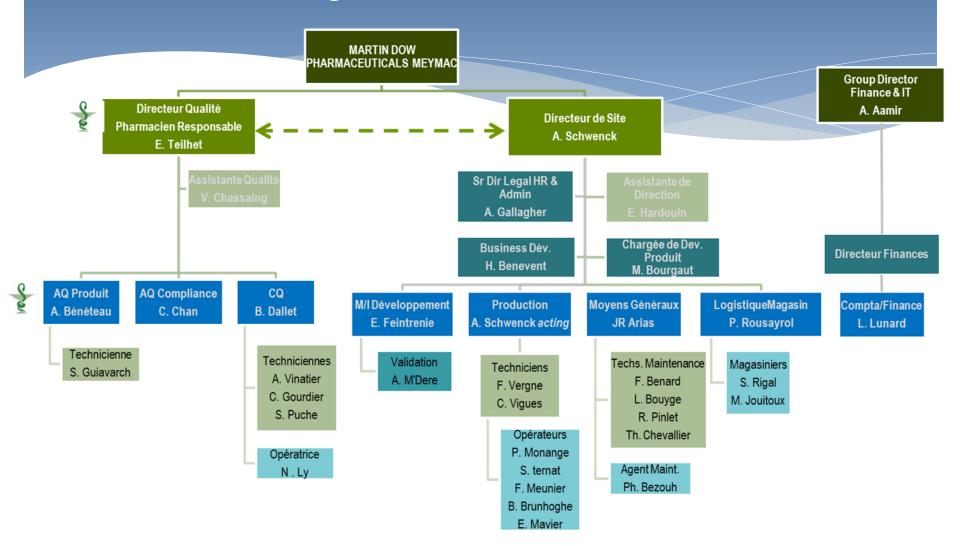
The current production operating process

1.APIs, Excipients, Semi Finished DP and Packaging items reception2.Granulation, Compaction, Compression, Hard Caps & sachets Filling3.Packaging (blisters, bottles) & Cartoning followed by Release and shipment



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Organizational chart





Following re-opening and grant of <u>GMP certificate in March</u> <u>2017</u>, we have succeeded already to have:

- 4 customers (North Africa, France, Pakistan, Swiss)
- Plus several offers under discussion (mainly Europe)

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Strong niche commercial focus

- > High containment area (operational by early 2019)
- > Humidity controlled processes (35% RH)
- Customised projects (dedicated area & services)
- Flexible organization (small batch, controlled drugs...)

Investment effort supported by corporate & regional founds

- > 1 mid-size Coater in production
- Datamatrix module / Serialization
- > 1 hard capsule equipement
- Low Humidity modules
- > HAPI Area

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Capacities

Section / Equipment	Units	(1 shift)			
Manufacturing					
Granulation (wet and dry)	000's Kgs	180			
Tablet Compression	Mill Tab	350			
Coating	000's Kgs	50			
Capsule Filling	Mill Cap	250			
Packaging					
Blister Machine	Mill Blist	8			
Sachet Filling Machine	Mill Sach	90			
Bottle filling machine (caps, tabs)	Mill Bott	2			
Semi manual, customized on demand	Mill Blist	2			

Mixing capacities

Densité produit : 0,5 Taux de remplissage : 30%

Nombre de containers	Containers	Capacité
1	150	23 kg
12	600	90 kg
16	1000	150 kg
47	2000	300 kg

QC Laboratory

> Physico-chemistry:

IR, HPLC, Gas-Chromato, Dissolution, Aggregation, Conductivity, Potentiometric dosing, Spectro IR / UV, Karl Fischer

> Microbiology

Stability

EU import retest and release

Benefits to work with MDP

- \succ Restarting site \rightarrow flexible offering
- Expertise and Dedication
- > Ongoing plan of recruitment & high investment
- Different collaboration models: co-development, co-investment, participation in sales profits, ...

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Conclusion

Martin Dow Pharmaceuticals has the strong willingness to build <u>close partnerships</u> to succeed in launching / transfering in the <u>shortest timelines</u> and on <u>cost effective model</u> from an <u>European site</u>.

Martin Dow Pharmaceuticals commits to establish <u>long term</u> <u>relationship</u> based on <u>customer needs dedication</u>.

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