China Steel Chemical Corp.

The Industrial Use for CSCC

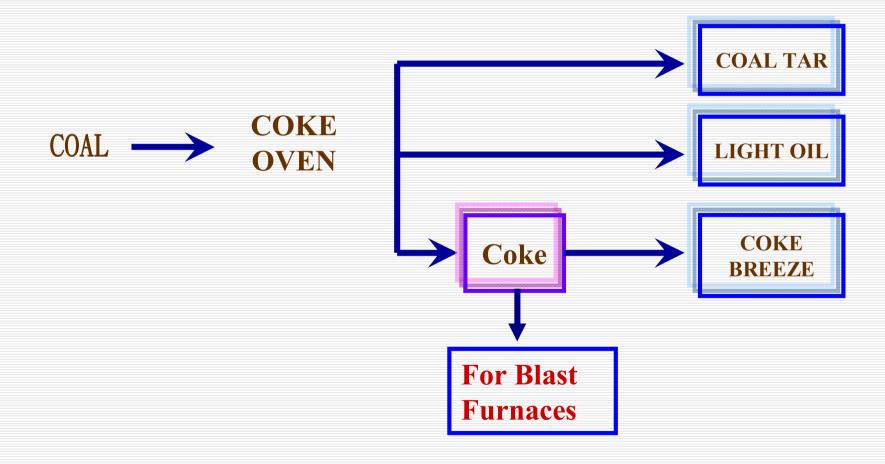
August 22nd, 2011



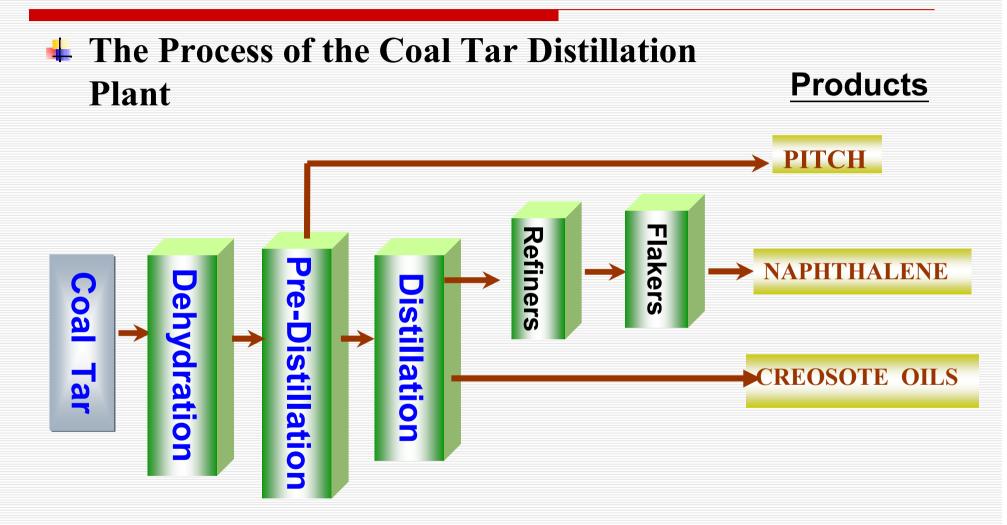
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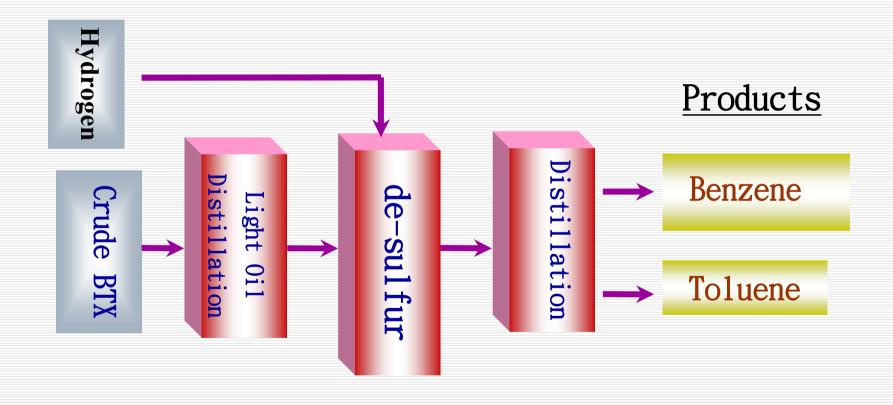






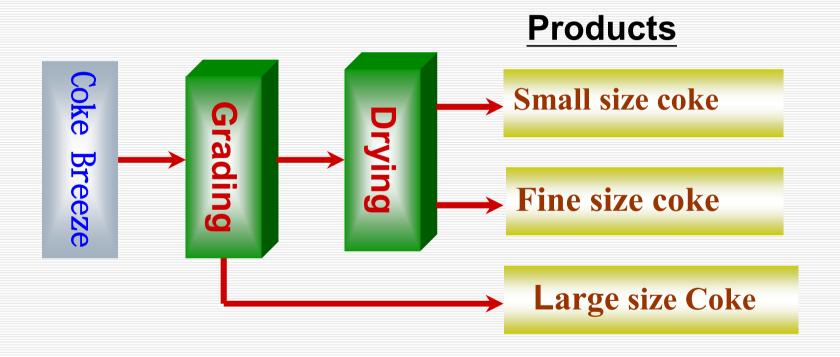


4The Process of the Light Oil Distillation Plant





+ The Process of the Coke Breeze Plant





2 \ The Global Market Scale of Coal Tar in 2010

Unit: thousand tons

Area	Production	Percentage
Global	19,723	100 %
Europe (excluding Independent countries)	1,737	8.8 %
Independent Countries	2,150	10.90%
Americas	1,050	5.32%
Asia (excluding China)	3,812	19.33 %
Oceania	123	0.6 %
China	10,851	55.02 %

From: CRU



3 \ The Brief Introduction to CSCC

Chronology of Major Events

- 1.CSCC established in February 1989.
- 2.Plants completed during 1991~1993.
- 3.CSCC IPO listed in Taiwan in November, 1998
- 4.CSCC was awarded "Industrial Excellence Award" and "National Outstanding SMES Award" in 2000 and 2001.
- 5.CSCC achieved OHSAS 18001 certification during 2001~2008.
- 6.CSCC achieved CNLA in April, 2002. And granted authentication in April 2005 and November, 2008.
- 7. Refined Naphthalene Unit expansion completed in April 2009.
- 8. The capacity 1,400 MT/YR of Green Mesophase Powder Plant completed in January 2010.
- 9. The Light Oil Distillation plant phase 2 completed in April 2010.
- 10. The line G5/G6 of Green Mesophase Powder Plant reaching capacity to 3,000 MT/YR expectantly completes until the third quarter 2011.
- 11. 10. The line G1N/G2N of Green Mesophase Powder Plant reaching capacity to 5,000 MT/YR expectantly completes until the second quarter 2012 °



3 The Brief Introduction to CSCC

The structure of shareholder

unit: per thousand stocks

Major shareholder	Shares	Percentage
China Steel Corporation	68,787	29.04%
China Synthetic Rubber Corp.	13,459	5.68%
Ever Wealthy International Corp.	6,800	2.88%
CSRS-owned investment company	3,648	1.54%
CTCI Corporation	2,426	1.02%

As of: Apr.8th, 2011



3 The Brief Introduction to CSCC

∔Financial Review

Unit: NT\$ hundred millions

	2006	2007	2008	2009	2010
Capital stock	21.10	22.34	23.69	23.69	23.69
Revenue	42.92	50.64	75.41	48.74	80.39
After-tax revenue	12.17	14.51	14.44	12.98	19.14
Earning Per Share (per stock)	5.94	6.69	6.28	5.64	8.32



3 \ The Brief Introduction to CSCC

♣ Table of academic degree in CSCC's employees

Academic Degree	Number	Percentage
Doctor Degree	2	1%
Master Degree	25	17%
Bachelor Degree	49	36%
Junior college and Senior high school	64	46%
Total	140	100%

As of : May 31st, 2011



3 • The Brief Introduction to CSCC

unit: metric tons

period	Jan.~ July	Jan.∼ July
	2010	2011
Throughput of Coal Tar	118,244	126,357
Throughput of Light Oil	46,751	48,939



3 \ The Brief Introduction to CSCC

Period	Jan.~ July 2010	Jan.~ July 2011
Revenue (thousand)	4,466,142	5,366,580
Earning (thousand)	1,104,712	1,346,318
EPS (NT\$)	4.80	5.85



4 \ The Industrial Use for CSCC

♣ Naphthalene P16

4 Creosote Oil P17

4 Toluene P19

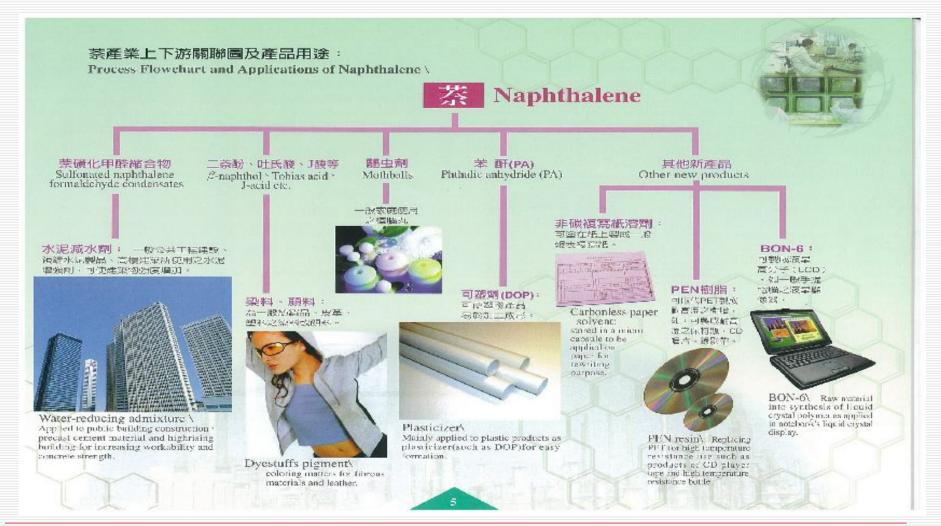


♣Process Flowchart and Application of Soft Pitch





Process Flowchart and Application of Naphthalene



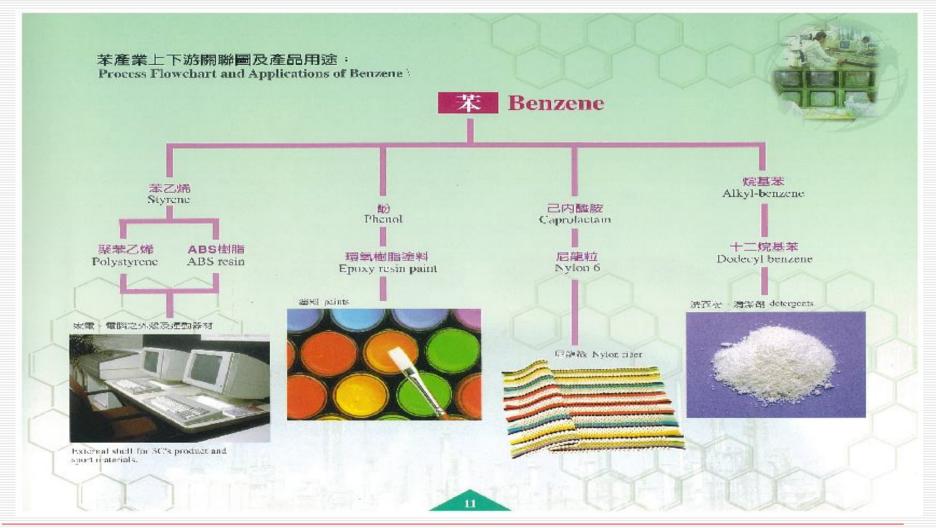


Process Flowchart and Application of Creosote Oils





Process Flowchart and Application of Benzene





Process Flowchart and Application of Toluene





5 New Products Development

Precursor for pitch-based carbon fiber

Product	Stress	Strain	Elongati on
CSCC's Lab	980Mpa	35Gpa	2.0%
On Markets	700-800Mpa	30-60Gpa	1.8-2.2%

A 70L pilot-scale reactor is under planned, and a testing schedule with one mainlander's carbon fiber maker is also prepared.



5 New Products Development

♣Pitch-based activation carbon for supercapacitors :

Preparing the mesophase pitch as a feedstock through activation process is available for assembling supercapacitors for energy-storing application. The lab-scale sample compared to that of a Japanese maker shows excellence in performance, and its pilot-scale project is under planned.





Thank You

