## Exhibit 19 As Filed

#### PENNSYLVANIA COMPENSATION RATING BUREAU

## Review of Experience Rating Plan Parameters

Page 19.1 contains Collectible Premium Ratios.

Page 19.2 contains Expected Loss Cost Factors. They are applied to loss costs by classification to produce Table A (Expected Loss Factors) which are the basis for the calculation of Expected Losses.

Page 19.3 contains the derivation of various factors (i.e. maximum single loss size, self rating point) that are used to produce Table B.

## COLLECTIBLE PREMIUM RATIOS \*

#### Manual Years 1997, 1998 and 1999 Unit Data

Manual Year	Premium at Manual Rates	Collected Premium (Excluding Constants)	Collectible Premium Ratio (2)/(3)			
(1)	(2)	(3)	(4)			
ALL INDUSTRIES						
1997 1998	2,449,775,686 2,331,723,028	2,313,513,146	1.0589 1.0580			
1999	2,447,001,547	2,284,864,193	1.0710			
TOTAL	7,228,500,261	6,802,368,313	1.0626			
MANUFACTURING AND UTILITIES						
1997	711,548,028	660,544,464	1.0772			
1998	639,306,200	591,580,316	1.0807			
1999	647,589,670	581,531,035	1.1136			
TOTAL	1,998,443,898	1,833,655,815	1.0899			
	CONTRAC	TING AND QUARRYING				
1997	392,193,280	370,761,616	1.0578			
1998	385,038,067	366,820,242	1.0497			
1999	427,820,701	407,395,995	1.0501			
TOTAL	1,205,052,048	1,144,977,853	1.0525			
	OTH	IER INDUSTRIES				
1997	1,346,034,378	1,282,207,066	1.0498			
1998	1,307,378,761	1,245,590,416	1.0496			
1999	1,371,591,176	1,295,937,163	1.0584			
TOTAL	4,025,004,315	3,823,734,645	1.0526			

\* Excludes classifications and coverages not subject to experience rating

# CALCULATION OF EXPECTED LOSS COST FACTORS (a)

							Expected		
Policy Year	Act 57	Adjust-	Loss Ratio	Collectible		Product	Loss Cost		
Beginning	Adjust-	ment	Development	Premium	Trend	(2) * (3) * (4)	Factor		
4/1	ment	Factor	Factor	Ratio	Factor	*(5) * (6)	1.0 / (7)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
Manufacture and Utilities									
1999	1.0000	1.0000	1.2352	1.0899	1.1241	1.5133	0.6608		
2000	1.0000	1.0000	1.3750	1.0899	1.0915	1.6357	0.6114		
2001	1.0000	1.0000	1.7509	1.0899	1.0599	2.0226	0.4944		
			• • •						
Contracting and Quarrying									
1999	1.0000	1.0000	1.3094	1.0525	1.1241	1.5492	0.6455		
2000	1.0000	1.0000	1.4611	1.0525	1.0915	1.6785	0.5958		
2001	1.0000	1.0000	1.8058	1.0525	1.0599	2.0145	0.4964		
Other Industries									
1999	1 0000	1 0000	1 2436	1 0526	1 1241	1 4715	0 6796		
2000	1 0000	1 0000	1 4027	1.0526	1 0915	1 6116	0.6205		
2000	1 0000	1 0000	1 7502	1.0526	1 0599	1.9526	0.5121		
2001							0.0.2.		

a Apply to pure Loss Costs (pre-LBA, Merit Rating Plan, PCCPAP and Certified Safety Committee adjustments).

# **Experience Rating Plan Parameters**

(1)	Current Premium Eligibility Point = Expected Losses needed to achieve 5% credibility		\$10,000
(2)	Max Value :	<u>.25 * \$10,000</u> = 0.05	\$50,000
(3)	K-Value a) If (1) is assigned 5% credibility, then K = <u>E(1-c)</u> = <u>10,000 * (105)</u> = c 0.05		\$190,000
(4)	.055 Credibility Interval - the .0525 left endpoint corresponds to $E=(K * C) =$ (1-C)	<u>190,000 * .0525</u> = .9475	\$10,528
(5)	Right endpoint for .05 credibility interval =		\$10,527
(6)	Average serious claim =	228,462	
(7)	Self rating point = 25 * selected average serious clair	n	\$5,711,550
	6% of (7) rounded to the nearest \$1,000 =		343,000