

FORM NL-20-ANALYTICAL RATIOS SCHEUDLE

Name of the Insurer: Hannover Rück SE – India Branch

Sl.No.	Particular	Calculation	For the quarter	up to the Quarter	For the Corresponding quarter of the Previous year	up to the Corresponding Quarter of the Previous year
1	Gross Direct Premium Growth Rate**	$\frac{[GDPI(CY)-GDPI(PY)]}{GDPI(PY)}$ GDPI / Shareholder's funds		Not Applicable		Not Applicable
2	Gross Direct Premium to Net worth Ratio	Shareholder's funds/Net Worth = Share capital+reserve and surplus-Miscellaneous expenditure-debit balance in profit and loss account) Shareholders' funds /Net Worth comprise of Share Capital plus all Reserves and Surplus (except revaluation Reserve and fair value change account) net of accumulated losses and Miscellaneous expenditure to the extent not written off as at the Balance Sheet date		Not Applicable		Not Applicable
3	Growth rate of Net Worth	$\frac{(\text{Shareholder's funds}(CY)-\text{Shareholder's funds}(PY))}{\text{Shareholder's funds}(PY)}$		40%		62%
4	Net Retention Ratio**	Net written premium / (Gross Direct Premium Income + Reinsurance Accepted)		55%		44%
5	Net Commission Ratio**	Net Commission / Net written premium		13%		16%
6	Expense of Management to Gross Direct Premium Ratio**	(Direct Commission+Operating Expenses) / Gross direct premium		Not Applicable		Not Applicable
7	Expense of Management to Net Written Premium Ratio**	(Net Commission+Operating Expenses) / Net Written Premium		20%		32%
8	Net Incurred Claims to Net Earned Premium**	Net Incurred Claims / Net Earned Premium		57%		111%
9	Claims paid to claims provisions**	Claim Paid (pertaining to provisions made previously) / claims provision made previously		Not Applicable		Not Applicable
10	Combined Ratio**	(7) +(8)		77%		143%
11	Investment income ratio	Investment income / Average Assets under management Investment income = Profit/ Loss on sale/redemption of Investments+Interest, Dividend & Rent – Gross (net of investment expenses) including investment income from pool		3.24%		3.66%
12	Technical Reserves to net premium ratio **	[(Reserve for unexpired risks+premium deficiency+reserve for outstanding claims(including IBNR and IBNER)] / Net premium written		263%		449%
13	Underwriting balance ratio	Underwriting results / Net earned premium Underwriting results= Net earned premium-Net incurred claims-Net commission-Operating Expenses (Before adjusting transfer to Profit and loss account as per Section 40C)- Premium Deficiency		14%		-35%
14	Operating Profit Ratio	Operating profit / Net Earned premium		14%		-35%
15	Liquid Assets to liabilities ratio	Liquid Assets / Policyholders liabilities Liquid Assets = Short term investments+Short term loans+Cash & Bank balances Policyholders liabilities=Outstanding Claims including Incurred But Not Reported (IBNR) & Incurred But Not Enough Reported (IBNER)+ Unearned Premium Reserve+ Premium Deficiency Reserve, if any+ Catastrophe Reserve, if any; and+ Other Liabilities net off Other Assets Other Liabilities in point (e) above, comprise of (i) Premium received in advance (ii) Unallocated premium (iii) Balance due to OTHER Insurance Companies (iv) Due to other Members of a Pool such as Third Party Pool; Terrorism Pool; etc. (vi) Sundry creditors (due to Policyholders). Other Assets in point (e) above, comprise of (i) Outstanding premium (ii) due from other entities carrying on Insurance business including Reinsurers (iii) Balance with Pool such as Thirty Party Pool; Terrorism pool; etc.		91%		68%
16	Net earning ratio	Profit after tax / Net Premium written		13%		-23%
17	Return on net worth ratio	Profit after tax / Net Worth		10%		-9%
18	Available Solvency margin Ratio to Required Solvency Margin Ratio	to be taken from solvency margin reporting		1.85		1.82
19	NPA Ratio	to be taken from NPA reporting		0%		0%
	Gross NPA Ratio			0%		0%
	Net NPA Ratio			0%		0%
20	Debt Equity Ratio	(Debt/Equity) Debt=(Borrowings+Redeemable Preference shares, if any) Equity=Shareholders' Funds excluding Redeemable Preference shares, if any		0%		0%
21	Debt Service Coverage Ratio	(Earnings before Interest and Tax/ Interest and Principal Instalments Due)		0%		0%
22	Interest Service Coverage Ratio	(Earnings before Interest and Tax/ Interest due)		0%		0%
23	Earnings per share	Profit/(loss) after tax / No. of shares		0%		0%
24	Book value per share	Net worth / No. of shares		0%		0%

Notes: -

1. Net worth definition to include Head office capital for Reinsurance branch

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**** Segmental Reporting up to the quarter**

Segments Up to the quarter ended on _____	Gross Direct Premium Growth Rate**	Net Retention Ratio**	Net Commission Ratio**	Expense of Management to Gross Direct Premium Ratio**	Expense of Management to Net Written Premium Ratio**	Net Incurred Claims to Net Earned Premium**	Claims paid to claims provisions**	Combined Ratio**	Technical Reserves to net premium ratio **	Underwriting balance ratio
FIRE										
Current Period	0%	61%	-20%	0%	26%	56%	0%	81%	218%	2%
Previous Period	0%	55%	-11%	0%	25%	144%	0%	169%	318%	-83%
Marine Cargo										
Current Period	0%	0%	1077%	0%	-1070%	-471%	0%	-1542%	6971%	402%
Previous Period	0%	4%	59%	0%	-36%	1290%	0%	1254%	101%	-798%
Marine Hull										
Current Period	0%	0%	699%	0%	-692%	-538%	0%	-1230%	3914%	483%
Previous Period	0%	4%	36%	0%	-34%	237%	0%	204%	-1118%	-48%
Total Marine										
Current Period	0%	0%	884%	0%	-878%	-500%	0%	-1378%	5416%	436%
Previous Period	0%	4%	48%	0%	-35%	478%	0%	443%	-449%	-219%
Motor OD										
Current Period	0%	68%	-15%	0%	21%	92%	0%	113%	130%	-19%
Previous Period	0%	71%	-27%	0%	40%	74%	0%	114%	172%	-10%
Motor TP										
Current Period	0%	72%	-6%	0%	12%	91%	0%	103%	105%	-3%
Previous Period	0%	72%	-9%	0%	23%	84%	0%	107%	253%	-23%
Total Motor										
Current Period	0%	70%	-11%	0%	18%	92%	0%	109%	121%	-12%
Previous Period	0%	71%	-26%	0%	40%	74%	0%	114%	174%	-11%
Health										
Current Period	0%	67%	-53%	0%	59%	36%	0%	95%	381%	8%
Previous Period	0%	15%	-41%	0%	55%	639%	0%	694%	1316%	-685%
Personal Accident										
Current Period	0%	67%	-14%	0%	20%	235%	0%	254%	-239%	-179%
Previous Period	0%	67%	-12%	0%	26%	56%	0%	82%	305%	-11%
Travel Insurance										
Current Period	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Previous Period	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Total Health										
Current Period	0%	67%	-11%	0%	18%	262%	0%	280%	-273%	-205%
Previous Period	0%	60%	-13%	0%	27%	71%	0%	97%	337%	-28%
Workmen's Compensation/ Employer's liability										
Current Period	0%	65%	-24%	0%	30%	70%	0%	100%	186%	-6%
Previous Period	0%	55%	-21%	0%	37%	83%	0%	120%	196%	-29%
Public/ Product Liability										
Current Period	0%	63%	-18%	0%	25%	70%	0%	94%	385%	18%
Previous Period	0%	55%	-20%	0%	36%	71%	0%	107%	148%	-31%
Engineering										
Current Period	0%	55%	-11%	0%	18%	-42%	0%	-24%	443%	65%
Previous Period	0%	59%	-32%	0%	45%	110%	0%	155%	462%	-57%
Aviation										
Current Period	0%	1%	232%	0%	-226%	-1768%	0%	-1994%	994%	26%
Previous Period	0%	4%	90%	0%	-76%	103%	0%	27%	767%	162%
Crop Insurance										
Current Period	0%	44%	-3%	0%	9%	-342%	0%	-333%	840%	421%
Previous Period	0%	184%	-2%	0%	16%	102%	0%	117%	-655%	3%
Credit **										
Current Period	0%	6%	36%	0%	-30%	95%	0%	66%	782%	53%
Previous Period	0%	5%	42%	0%	-28%	-181%	0%	-209%	2968%	311%
Liability Insurance **										
Current Period	0%	62%	-24%	0%	30%	54%	0%	83%	303%	-6%
Previous Period	0%	53%	-21%	0%	34%	164%	0%	198%	352%	-109%
Other **										
Current Period	0%	67%	-5%	0%	11%	17%	0%	28%	219%	67%
Previous Period	0%	37%	-14%	0%	9%	286%	0%	295%	392%	-203%
Life**										
Current Period	0%	50%	2%	0%	25%	221%	0%	246%	167%	-145%
Previous Period	0%	50%	4%	0%	34%	111%	0%	145%	135%	-45%
Total Miscellaneous										
Current Period	0%	42%	-8%	0%	26%	193%	0%	220%	502%	-142%
Previous Period	0%	17%	-28%	0%	93%	143%	0%	237%	1782%	-59%
Total-Current Period	0%	55%	-13%	0%	20%	57%	0%	77%	263%	14%
Total-Previous Period	0%	44%	-16%	0%	32%	111%	0%	143%	449%	-35%