

MINERALS TECHNOLOGIES INC. AND SUBSIDIARY COMPANIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Changes in the Plan assets and benefit obligations recognized in other comprehensive income:

Millions of Dollars	Pension Benefits		Post-retirement Benefits	
	2013	2012	2013	2012
Current year actuarial gain (loss)	\$ 26.1	\$ (17.6)	\$ 0.7	\$ 2.7
Amortization of actuarial (gain) loss	8.8	8.4	--	(0.1)
Amortization of prior service credit (gain) loss	0.6	0.7	(1.9)	(1.8)
Total recognized in other comprehensive income	<u>\$ 35.5</u>	<u>\$ (8.5)</u>	<u>\$ (1.2)</u>	<u>\$ 0.8</u>

The components of net periodic benefit costs are as follows:

Millions of Dollars	Pension Benefits			Post-retirement Benefits		
	2013	2012	2011	2013	2012	2011
Service cost	\$ 8.4	\$ 8.1	\$ 7.1	\$ 0.6	\$ 0.6	\$ 0.7
Interest cost	11.3	11.6	11.6	0.3	0.4	0.6
Expected return on plan assets	(14.8)	(13.5)	(13.8)	--	--	--
Amortization of prior service cost	1.0	1.2	1.3	(3.1)	(3.1)	(3.1)
Recognized net actuarial (gain) loss	13.9	13.3	8.6	--	(0.1)	0.1
Settlement /curtailment loss	--	0.2	0.5	--	--	--
Net periodic benefit cost	<u>\$ 19.8</u>	<u>\$ 20.9</u>	<u>\$ 15.3</u>	<u>\$ (2.2)</u>	<u>\$ (2.2)</u>	<u>\$ (1.7)</u>

Unrecognized prior service cost is amortized over the average remaining service period of each active employee.

The Company's funding policy for U.S. plans generally is to contribute annually into trust funds at a rate that provides for future plan benefits and maintains appropriate funded percentages. Annual contributions to the U.S. qualified plans are at least sufficient to satisfy regulatory funding standards and are not more than the maximum amount deductible for income tax purposes. The funding policies for the international plans conform to local governmental and tax requirements. The plans' assets are invested primarily in stocks and bonds.

The 2014 estimated amortization of amounts in other accumulated comprehensive income are as follows:

Millions of Dollars	Pension Benefits	Post-Retirement Benefits
Amortization of prior service credit (gain) loss	\$ 1.0	\$ (3.1)
Amortization of net (gain) loss	7.2	(0.1)
Total costs to be recognized	<u>\$ 8.2</u>	<u>\$ (3.2)</u>

Additional Information

The weighted average assumptions used to determine net periodic benefit cost in the accounting for the pension benefit plans and other benefit plans for the years ended December 31, 2013, 2012 and 2011 are as follows:

	2013	2012	2011
Discount rate	3.80%	4.32%	5.70%
Expected return on plan assets	7.18%	7.06%	7.25%
Rate of compensation increase	3.16%	3.11%	3.20%

The weighted average assumptions used to determine benefit obligations for the pension benefit plans and other benefit plans at December 31, 2013, 2012 and 2011 are as follows:

	2013	2012	2011
Discount rate	4.37%	3.77%	4.30%
Rate of compensation increase	3.10%	3.14%	3.10%

For 2013, 2012 and 2011, the discount rate was based on a Citigroup yield curve of high quality corporate bonds with cash flows matching our plans' expected benefit payments. The expected return on plan assets is based on our asset allocation mix