

CONSOLIDATED FORM

Management and Related Person's Negotiation of Securities Issued by the Company - Article 11 - CVM Instruction # 358/2002

In November 2016 there were transactions with securities and derivatives, in compliance with Article 11 - CVM Instruction # 358/2002.

Company Name: MAGNESITA REFRAATÓRIOS S.A.					
<input type="checkbox"/> Company and related people	<input checked="" type="checkbox"/> Controlling Group	<input type="checkbox"/> Board of Directors	<input type="checkbox"/> Executive Officers	<input type="checkbox"/> Fiscal Council	<input type="checkbox"/> Support Committees
Initial Balance					
Securities/ Derivatives	Securities Characteristics		Quantity	% of participation	
				Same Class and Type	Total
Shares	Common		24,070,110	45.73	45.73
Final Balance					
Securities/ Derivatives	Securities Characteristics		Quantity	% of participation	
				Same Class and Type	Total
Shares	Common		24,070,110	45.73	45.73

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Company Name: MAGNESITA REFRAATÓRIOS S.A.						
() Company and Related People	() Controlling Group	(x) Board of Directors	() Executive Officers	() Fiscal Council	() Support Committees	
Initial Balance						
Securities/Derivatives	Securities Characteristics	Quantity	% of participation			
			Same class and type		Total	
Shares	Common	413,416	0,79%		0,79%	
Movements						
Securities/Derivatives	Securities Characteristics	Operation	Date	Quantity	Price	Volume (R\$)
Shares	Common	Sell	11/14/2016	7,500	23,64	177,300
Shares	Common	Sell	11/16/2016	30,400	23,41	711,664
Shares	Common	Buy	11/22/2016	10,000	23,42	234,200
Shares	Common	Buy	11/23/2016	15,000	23,45	351,750
Shares	Common	Buy	11/24/2016	5,000	23,48	117,400
Shares	Common	Buy	11/25/2016	10,000	23,60	236,000
Shares	Common	Buy	11/29/2016	11,000	23,39	257,290
Shares	Common	Buy	11/30/2016	11,300	23,29	263,177
ADR*	Common	Buy	11/28/2016	11,500	13,84	159,160
ADR*	Common	Buy	11/29/2016	5,900	13,86	81,774
Final Balance						
Securities/Derivatives	Securities Characteristics	Quantity	% of participation			
			Same class and type		Total	
Shares	Common	437,816	0,83%		0,83%	
ADR*	Common	17,400	0,00%		0,00%	

*2 shares is equal to 1ADR

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Initial Balance					
Securities/Derivatives	Securities Characteristics	Quantity	% of participation		
			Same class and type	Total	
Shares	Common	134,350	0.26	0.26	
Final Balance					
Securities/Derivatives	Securities Characteristics	Quantity	% of participation		
			Same class and type	Total	
Shares	Common	134,350	0.26	0.26	

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Initial Balance					
Securities/Derivatives	Securities Characteristics	Quantity	% of participation		
			Same class and type	Total	
Shares	Common	17	0.00	0.00	
Final Balance					
Securities/Derivatives	Securities Characteristics	Quantity	% of participation		
			Same class and type	Total	
Shares	Common	17	0.00	0.00	

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