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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**FORM 11-K**

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ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

**For the fiscal year ended December 31, 2010**

TRANSITION REPORT PURSUANT TO 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

**For the transition period from \_\_\_\_\_ to \_\_\_\_\_**

**Commission File Number: \_\_\_\_\_**

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

**AMCOL International Corporation Savings Plan**

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

**AMCOL International Corporation  
2870 Forbs Avenue  
Hoffman Estates, Illinois 60192**

## **FINANCIAL STATEMENTS AND EXHIBITS**

### **(a) Financial Statements**

AMCOL International Corporation Savings Plan

Report Letter

Statement of Net Assets Available for Benefits

Statement of Changes in Net Assets Available for Benefits

Notes to Financial Statements

Schedule of Assets Held at End of Year

### **(b) Exhibit**

Exhibit 23.1 - Consent of Independent Auditors

**AMCOL International Corporation  
Savings Plan**

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**Financial Report  
December 31, 2010**

# **AMCOL International Corporation Savings Plan**

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<b>Schedule of Assets Held at End of Year</b>	<b>Schedule I</b>

Report of Independent Registered Public Accounting Firm

To the Trustees  
AMCOL International Corporation  
Savings Plan

We have audited the accompanying statement of net assets available for benefits of AMCOL International Corporation Savings Plan (the "Plan") as of December 31, 2010 and 2009 and the related statement of changes in net assets available for benefits for the years then ended. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Plan is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audit included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets of the Plan as of December 31, 2010 and 2009 and the changes in net assets for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Our audits were performed for the purpose of forming an opinion on the financial statements taken as a whole. The supplemental schedule of assets held at end of year as of December 31, 2010 is presented for the purpose of additional analysis and is not a required part of the basic financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental schedule is the responsibility of the Plan's management. This supplemental schedule has been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

*Plante & Moran - PLLC*

Elgin, Illinois  
June 17, 2011

# AMCOL International Corporation Savings Plan

## Statement of Net Assets Available for Benefits

	December 31	
	2010	2009
<b>Assets</b>		
Participant-directed investments (Note 3):		
Common collective trust fund	\$ 34,638,110	\$ 31,085,664
Mutual funds	31,883,193	27,650,169
AMCOL International Corporation Stock Fund	30,446,336	28,398,432
Self-directed brokerage accounts	<u>2,330,278</u>	<u>1,535,894</u>
Total participant-directed investments	99,297,917	88,670,159
Pending settlement receivable	203,585	21,162
Participant notes receivable	<u>2,492,487</u>	<u>2,299,910</u>
<b>Net Assets Reflecting All Investments at Fair Value</b>	101,993,989	90,991,231
<b>Adjustment from Fair Value to Contract Value for Interest in Common Collective Trust Funds Relating to Fully Benefit-responsive Investment Contracts</b>	<u>-</u>	<u>2,254,914</u>
<b>Net Assets Available for Benefits</b>	<b><u>\$ 101,993,989</u></b>	<b><u>\$ 93,246,145</u></b>

# AMCOL International Corporation Savings Plan

## Statement of Changes in Net Assets Available for Benefits

	Year Ended December 31	
	2010	2009
<b>Additions</b>		
Contributions:		
Participants	\$ 5,369,741	\$ 4,931,943
Employer	4,083,624	4,157,893
Total contributions	9,453,365	9,089,836
Investment income:		
Net appreciation in fair value of investments (Note 3)	6,737,830	14,394,592
Dividends and interest	1,907,301	1,767,342
Total investment income	8,645,131	16,161,934
Interest from participant notes receivable	124,398	140,890
Total additions	18,222,894	25,392,660
<b>Deductions</b>		
Benefits paid to participants	9,436,616	7,002,038
Management fees	38,434	39,677
Total deductions	9,475,050	7,041,715
<b>Net Increase in Net Assets Available for Benefits</b>	8,747,844	18,350,945
<b>Net Assets Available for Benefits</b>		
Beginning of year	93,246,145	74,895,200
End of year	<u>\$ 101,993,989</u>	<u>\$ 93,246,145</u>

# **AMCOL International Corporation Savings Plan**

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## **Notes to Financial Statements December 31, 2010 and 2009**

### **Note 1 - Description of the Plan**

The following description of the AMCOL International Corporation Savings Plan (the "Plan") provides only general information. Participants should refer to the plan agreement for a complete description of the Plan's provisions.

**General** - The Plan is a defined contribution plan covering all full-time employees of AMCOL International Corporation (the "Corporation"). The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

**Contributions** - Through payroll deduction, participants can make contributions to the Plan of up to 75 percent of their compensation, subject to the statutory maximum. The Corporation contributes a matching amount equal to the lower of the participant's deferral contributions or 4 percent of compensation. The Corporation's matching contributions are made in the form of AMCOL International Corporation common stock. The 4 percent matching contribution was \$2,842,101 and \$2,802,909 for the years ended December 31, 2010 and 2009, respectively. The Corporation also makes a special retirement contribution in the form of cash for employees hired after December 31, 2003 of 3 percent of compensation if they are employed at the end of each year. The 3 percent special retirement contribution was \$1,241,523 and \$1,354,984 for 2010 and 2009, respectively.

Participant contributions may be allocated among various funds or to the self-directed brokerage account option as directed by the participant.

**Participant Accounts** - Each participant's account is credited with the participant's contribution and allocations of (a) the Corporation's contribution and (b) plan earnings and charged with an allocation of administrative expenses, if any. Allocations are based on participant compensation or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

**Vesting** - Participants are fully vested at all times in their account balances except for the Corporation's special contributions, which are 100 percent vested after three years.

**Forfeited Accounts** - Forfeitures of Corporation special contributions are used to lower subsequent Corporation special contributions.

**Voting Rights** - Each participant is entitled to exercise voting rights attributable to the shares allocated to his or her account.



# **AMCOL International Corporation Savings Plan**

## **Notes to Financial Statements December 31, 2010 and 2009**

### **Note 1 - Description of the Plan (Continued)**

**Payment of Benefits** - Upon termination of a participant's employment, the value of the participant's account is measured as the sum of the following:

- (a) Total amount of the participant's contributions made under the Plan
- (b) Corporation contributions allocated to the participant's accounts as of the date of the last plan year ended prior to termination
- (c) Investment income and administrative expenses allocated to the participant's account as of the last day of the month prior to termination

Upon termination of service due to death, disability, or retirement, a participant or beneficiary may elect to receive a single payment equal to the value of the participant's interest in his or her account or receive a single payment at a later date. If the value of the account is less than \$1,000, the Plan will automatically pay the participant a single payment. For termination of employment for other reasons, a participant will also be paid his or her benefit in a single payment. Benefits payable under the Plan are limited to the amount that can be provided from the participant's account.

**Participant Notes Receivable** - Participants may borrow funds from the Plan. A participant's notes receivable balance may not exceed the lesser of \$50,000 or 50 percent of the participant's vested account balance. The participants must repay their notes receivable within five years. The interest rate charged on notes receivable to the participants is the then-prevailing prime rate plus 1 percent.

**Plan Termination** - Although it has not expressed the intention to do so, the Corporation has the right to discontinue its contributions and to terminate the Plan, subject to the provisions of ERISA. In the event the Plan terminates, participants become 100 percent vested and the net assets of the Plan will be distributed among the participants in the Plan based upon each participant's account balance.

### **Note 2 - Summary of Significant Accounting Policies**

**Basis of Presentation** - The accompanying financial statements have been prepared on the accrual basis. Accounting standards require the statement of net assets available for benefits to present the fair value of the investment contracts as well as the adjustment of the fully benefit-responsive investment contracts from fair value to contract value. The related activity is presented at contract value in the statement of changes in net assets available for benefits.

# **AMCOL International Corporation Savings Plan**

## **Notes to Financial Statements December 31, 2010 and 2009**

### **Note 2 - Summary of Significant Accounting Policies (Continued)**

**Investments** - The Plan's investments are stated at fair value, except for its common collective trust fund, which is valued at contract value at December 31, 2009. Contract value represents investments at cost plus accrued interest income less amounts withdrawn to pay benefits. At December 31, 2009, the fair value of the common collective trust fund is based on discounting the related cash flows of the underlying guaranteed investment contracts based on current yields of similar instruments with comparable durations. At December 31, 2010, the common collective trust fund is stated at amortized cost, which approximates fair value. The fair value of mutual funds and company stock is based on quoted market prices. Investments in self-directed brokerage accounts are invested in publicly traded securities, which are stated at fair value based on quoted market prices.

Purchases and sales of securities are recorded on a trade-date basis.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

**Income Recognition** - Dividend income is accrued on the ex-dividend date.

**Expenses** - The Corporation pays recordkeeping expenses of the Plan. Management fees represent participant notes receivable transaction fees, which are paid directly by the participants, through a reduction of their account balance.

**Participant Notes Receivable** - Participant notes receivable are recorded at their unpaid principal balances plus any accrued interest. Participant notes receivable are written off when deemed uncollectible.

**Benefit Payments** - Benefits are recorded when paid.

**New Accounting Pronouncements** - During 2010, the Plan adopted the provisions of a new accounting standard which requires that defined contribution plans classify participant loans as participant notes receivable rather than as investments. This standard was adopted retroactively and, as a result, the December 31, 2009 participant loans have been reclassified from investments to participant notes receivable and the 2009 interest income has been reclassified from investment income to interest from participant notes receivable. The adoption of this standard had no impact on the Plan's net assets or changes in net assets.

# AMCOL International Corporation Savings Plan

## Notes to Financial Statements December 31, 2010 and 2009

### Note 2 - Summary of Significant Accounting Policies (Continued)

**Use of Estimates** - The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of additions and deductions during the reporting period. Actual results could differ from those estimates.

### Note 3 - Investments

Investments that represent 5 percent or more of the Plan's net assets at December 31, 2010 and 2009 are as follows with the common stock shown at fair value and the Merrill Lynch Retirement Preservation Trust Fund shown at contract value:

	<u>2010</u>	<u>2009</u>
Assets reported at fair value:		
AMCOL International Corporation common stock	\$ 30,446,336	\$ 28,398,432
Bank of America, N.A. Retirement Preservation Trust Fund	34,638,110	-
Assets reported at contract value -		
Merrill Lynch Retirement Preservation Trust Fund	-	33,340,579

During 2010 and 2009, the Plan's investments (including investments bought, sold, and held during the year) appreciated in value by \$6,737,830 and \$14,394,592, respectively, as follows:

	<u>2010</u>	<u>2009</u>
Mutual funds	\$ 2,602,894	\$ 4,078,039
Self-directed brokerage accounts	228,240	312,558
AMCOL International Corporation common stock	<u>3,906,696</u>	<u>10,003,995</u>
Net appreciation	<u>\$ 6,737,830</u>	<u>\$ 14,394,592</u>

# **AMCOL International Corporation Savings Plan**

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## **Notes to Financial Statements December 31, 2010 and 2009**

### **Note 4 - Fair Value**

Accounting standards require certain assets and liabilities be reported at fair value on the financial statements and provide a framework for establishing that fair value. The framework for determining fair value is based on a hierarchy that prioritizes the inputs and valuation techniques used to measure fair value.

The following tables present information about the Plan's assets measured at fair value on a recurring basis at December 31, 2010 and 2009 and the valuation techniques used by the Plan to determine those fair values.

Level 1 - In general, fair values determined by Level 1 inputs use quoted prices in active markets for identical assets that the Plan has the ability to access.

Level 2 - Fair values determined by Level 2 inputs use other inputs that are observable, either directly or indirectly. These Level 2 inputs include quoted prices for similar assets and liabilities in active markets, and other inputs such as interest rates and yield curves that are observable at commonly quoted intervals.

Level 3 - Level 3 inputs are unobservable inputs, including inputs that are available in situations where there is little, if any, market activity for the related asset. These Level 3 fair value measurements are based primarily on management's own estimates using pricing models, discounted cash flow methodologies, or similar techniques taking into account the characteristics of the asset.

In instances where inputs used to measure fair value fall into different levels in the above fair value hierarchy, fair value measurements in their entirety are categorized based on the lowest level input that is significant to the valuation. The Plan's assessment of the significance of particular inputs to these fair value measurements requires judgment and considers factors specific to each asset.

# AMCOL International Corporation Savings Plan

## Notes to Financial Statements December 31, 2010 and 2009

### Note 4 - Fair Value (Continued)

#### Assets Measured at Fair Value on a Recurring Basis at December 31, 2010

	Level 1	Level 2	Level 3	Balance at December 31, 2010
<b>Assets</b>				
Mutual funds:				
Equity funds	\$ 20,450,001	\$ -	\$ -	\$ 20,450,001
Balanced funds	3,858,840	-	-	3,858,840
Bond funds	5,905,633	-	-	5,905,633
Fixed-income funds	1,668,719	-	-	1,668,719
AMCOL International Corporation common stock	30,446,336	-	-	30,446,336
Common collective trust fund Bank of America, N.A. Retirement Preservation Trust	-	34,638,110	-	34,638,110
Self-directed brokerage accounts	2,330,278	-	-	2,330,278
<b>Total</b>	<b>\$ 64,659,807</b>	<b>\$ 34,638,110</b>	<b>\$ -</b>	<b>\$ 99,297,917</b>

#### Assets Measured at Fair Value on a Recurring Basis at December 31, 2009

	Level 1	Level 2	Level 3	Balance at December 31, 2009
<b>Assets</b>				
Mutual funds:				
Equity funds	\$ 18,029,489	\$ -	\$ -	\$ 18,029,489
Balanced funds	3,970,152	-	-	3,970,152
Bond funds	4,330,388	-	-	4,330,388
Fixed-income funds	1,320,140	-	-	1,320,140
AMCOL International Corporation common stock	28,398,432	-	-	28,398,432
Common collective trust fund Merrill Lynch Retirement Preservation Trust	-	31,085,664	-	31,085,664
Self-directed brokerage accounts	1,535,894	-	-	1,535,894
<b>Total</b>	<b>\$ 57,584,495</b>	<b>\$ 31,085,664</b>	<b>\$ -</b>	<b>\$ 88,670,159</b>

# **AMCOL International Corporation Savings Plan**

## **Notes to Financial Statements December 31, 2010 and 2009**

### **Note 4 - Fair Value (Continued)**

The Bank of America, N.A. Retirement Preservation Trust (formerly "Merrill Lynch Retirement Preservation Trust") (the "Trust") is a collective trust investing primarily in a broadly diversified portfolio of guaranteed investment contracts (GICs), synthetic GICs, bank investment contracts, separate accounts, and in high-quality money market securities. In October 2010, effective with a resolution to terminate the Trust and commence liquidation of its assets, the Trust changed from a stable value fund to a short-term bond fund. The most significant result was the elimination of the Trust's wrap contracts and a change from contract value to fair value accounting. The fair value of the Plan's interest in the Trust as of December 31, 2010 was \$34,638,110 and the fair value of its interest as of December 31, 2009 was \$31,085,664.

As a result of the volatility and illiquidity in the fixed income securities markets beginning in the fall of 2008, some of the underlying assets held by the Trust, including synthetic GICs, experienced losses. According to the standard contractual arrangements with stable value wrap providers, wrap contract issuers have the option, under certain circumstances, of electing termination or immunization of the contract. In 2009, although not contractually or otherwise obligated to do so, Bank of America, N.A. Holding Corporation, a wholly owned subsidiary of BAC North American Holding Corporation, agreed to provide a liquidity commitment of \$175 million to the Trust to provide liquidity on an as-needed basis to fund the difference between the market value and the book value of the Trust's assets for current and anticipated plan-initiated withdrawals. On October 6, 2010, Bank of America, N.A., as trustee of the Trust, determined to terminate the Trust and commence liquidation of its assets. In connection with that determination, an affiliate of Bank of America Corporation agreed to provide a make whole commitment in order to provide additional liquidity as needed to allow for continued withdrawals from the Trust at \$1.00 per unit to the extent the liquidity commitment was insufficient for that purpose. The Trust's wrap contracts were terminated and the Trust's assets were liquidated, and the proceeds were invested in short term liquid investment securities. As of December 31, 2010, the make whole commitment had not been used. The Trust will not be obligated to repay any portion of the liquidity commitment or the make whole commitment. As of December 31, 2010 and 2009, \$169,642,349 and \$20,210,584, respectively, of the liquidity commitment had been used. In addition, in April 2009, the Trustee adopted a \$6.3 million per month limitation on plan-initiated withdrawals. On October 6, 2010, the Trustee removed this limitation. This limitation did not affect any participant-initiated withdrawals. In February 2011, the Plan liquidated all holdings in the Trust.

# **AMCOL International Corporation Savings Plan**

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## **Notes to Financial Statements December 31, 2010 and 2009**

### **Note 5 - Tax Status**

The Plan has received a favorable determination letter from the Internal Revenue Service, dated February 5, 2003, indicating that the Plan and related Trust are qualified under Sections 401(a) and 401(k) of the Internal Revenue Code (the "Code") and as such, the related Trust is exempt from federal income taxes under Section 501(a) of the Code. Although the Plan has been amended since receiving the determination letter, management believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the Code.

### **Note 6 - Related Party Transactions**

The Plan's investments include certain mutual funds managed by Merrill Lynch Trust Company and related entities. Merrill Lynch Trust Company is the recordkeeper and custodian of the Plan and, therefore, these transactions qualify as party-in-interest transactions. As of December 31, 2010 and 2009, \$34,638,110 and \$33,340,579, respectively, of the total value of the Plan's investment assets consist of funds managed by Merrill Lynch Trust Company.

Additionally, the Plan's investments include stock of the Corporation. These transactions also qualify as party-in-interest transactions. As of December 31, 2010 and 2009, \$30,446,336 and \$28,398,432, respectively, of the total value of the Plan's investment assets consist of investments in the company stock of the Corporation.

### **Note 7 - Administration**

The Corporation is the sponsor of the Plan. The administrative committee, as provided in the plan agreement, has responsibility for the administration of the Plan. Merrill Lynch Trust Company functions as recordkeeper and custodian.

### **Note 8 - Risks and Uncertainties**

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statement of net assets available for benefits.

# **AMCOL International Corporation Savings Plan**

## **Notes to Financial Statements December 31, 2010 and 2009**

### **Note 9 - Reconciliation of Financial Statements to Form 5500**

The following is a reconciliation of net assets available for benefits per the financial statements as of December 31, 2009 to Form 5500:

	<u>2009</u>
Net assets available for benefits per the financial statements	\$ 93,246,145
Less adjustment from contract value to fair value	<u>(2,254,914)</u>
Net assets available for benefits per Form 5500	<u>\$ 90,991,231</u>

The following is a reconciliation of the net increase in net assets available for benefits per the financial statements for the years ended December 31, 2010 and 2009 to Form 5500:

	<u>2010</u>	<u>2009</u>
Net increase in net assets available for benefits per the financial statements	\$ 8,747,844	\$ 18,350,945
Plus adjustment from contract value to fair value	<u>2,254,914</u>	<u>1,751,043</u>
Net increase in net assets available for benefits per Form 5500	<u>\$ 11,002,758</u>	<u>\$ 20,101,988</u>



# AMCOL International Corporation Savings Plan

## Schedule of Assets Held at End of Year Form 5500, Schedule H, Item 4i EIN 36-0724340, Plan Number 002 December 31, 2010

(a)	(b) Identity of Issue	(c) Description	(d) Cost	(e) Current Value
**	AMCOL International Corporation common stock	Common stock	*	\$ 30,446,336
**	Bank of America, N.A. Retirement Preservation Trust	Common collective trust	*	34,638,110
	BlackRock Government Income Fund	Mutual fund	*	2,912,905
	PIMCO Total Return Bond Fund	Mutual fund	*	1,668,719
	Thornburg International Value Fund	Mutual fund	*	4,264,933
	American Income Fund of America	Mutual fund	*	1,928,513
	Oakmark Equity & Income Fund	Mutual fund	*	1,102,692
	Columbia Marsico 21st Century Growth Fund	Mutual fund	*	3,494,355
	Aberdeen Small Cap Fund Inst	Mutual fund	*	1,469,008
	BlackRock Large Cap Fund	Mutual fund	*	657,626
	Van Kampen Growth & Income Fund	Mutual fund	*	482,039
	MFS Value Fund	Mutual fund	*	2,844,779
	Alger MidCap Growth Retirement Fund	Mutual fund	*	1,481,612
	AllianceBernstein Small-Mid Cap Value Fund	Mutual fund	*	1,743,002
	Fidelity Advisor Leveraged Company Stock Fund	Mutual fund	*	827,635
	Calvert Social Investment Income Fund	Mutual fund	*	2,992,728
	ING International Value Fund	Mutual fund	*	1,099,610
	Munder Micro-Cap Equity Fund	Mutual fund	*	650,573
	BlackRock S&P 500 Index Fund	Mutual fund	*	1,876,860
	BlackRock Small Cap (Russell 2000) Index Fund	Mutual fund	*	385,604
	Self-directed brokerage accounts	Self-directed brokerage accounts	*	2,330,278
	Participant notes receivable	Participant notes receivable bearing interest at rates from 4.25% to	-	<u>2,492,487</u>
		Total investments		<u>\$ 101,790,404</u>

\* Cost information not required

\*\* Party in interest, as defined by ERISA

**SIGNATURE**

Pursuant to the requirements of the Securities and Exchange Act of 1934, the Plan Administrator has duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

AMCOL International Corporation Savings Plan

Date: June 23, 2011

A handwritten signature in cursive script, appearing to read "Amiel Naiman", written over a horizontal line.

Amiel Naiman

On behalf of the Trustees as Plan Administrator

**EXHIBIT INDEX**

<u>Exhibit No.</u>	<u>Exhibit</u>	<u>Page</u>
23.1	Consent of Independent Registered Public Accounting Firm	<u>20</u>

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statement (No. 333-55540) on Form S-8 of our report dated June 17, 2011 appearing in the annual report on Form 11-K of AMCOL International Corporation Savings Plan for the year ended December 31, 2010.

*Plante & Moran . PLLC*

Elgin, Illinois  
June 22, 2011